

A Bibliography of Publications about the Computation of Elementary Functions in Computer Programming Languages

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Title word cross-reference

#3506 [Fet81b, Köl97]. #6725 [Fet81a].

(0, 2) [GRS87]. (η, π) [BDG⁺84]. (η, ρ) [BDG⁺72]. $(n, 1)$ [Kra85b]. $(n, 2)$ [Kra85a]. $-1/2$ [CT67a, CT67b]. $-\infty < N < +\infty$ [Kog57, Kog58b]. 0 [Col80, Col84]. $0 < N < 1$ [Kog58a]. 1 [NDT69, Pas92]. $1/2$ [Fuk15d, CT67a, CT67b]. $1/9$ [Mag94]. $1/n$ [Boy09]. $1/\sqrt{x}$ [TBDS11]. 10 [Col80, Col84, NDT69]. 1271 [Knu62]. 2 [Bak73, Bak75a, Bas01, BJK⁺11, CL94a, CP99, LO95, MIT⁺95, MC93, MC95, PZ95]. 29, 360, 000 [Bai88]. 2^p [Mer94]. $2\pi \int_0^\infty (\sin tt)^n dt$ [HKW60]. 3 [Lin79a, NKY08]. $3/2$ [CT67a, CT67b]. 38 [Gus78a]. $3j$ [SG76]. 4 [BH01, EL90, LA01, LA03, NL99]. $6j$ [SG76]. 8 [HF95, PZ95]. $[-1, 1]$ [HR88]. $[0, \infty)$ [CMV69]. 2 [Sel93]. ${}_0F_3$ [Lar69]. ${}_1F_1(a, b, z)$ [AG08]. ${}_2F_1(a, b; c; x)$ [TC01]. ${}_2F_1(a; b; c; z)$ [BS00].

${}_2F_2(1, \alpha; \rho_1, \rho_2; z)$ [Kim72]. ${}_3F_2$ [Büh87]. ${}_n$ [LDP93]. ${}_pF_{p-1}(a; b; z)$ [BS06].
 ${}_pF_{p-1}(z)$ [Sko04]. a [AG08]. a, b [DJ67]. $\text{Ai}(x)$ [MPG92a, MPG92b]. $\arctan Z$ [Luk57]. B [Wen09, AG08]. bei [Tha62a]. ber [Tha62a]. c [FLS06]. χ^2 [Fet79].
 \cos [Tur69]. $\cos(x)/x$ [GK70b, Gau66a]. \cos^{-1} [MMM93]. $\cosh z = az$ [Fet76].
 E [Cod65a, Cod66, FC64, FC64]. $E(m)$ [GMMIDM13]. e^{-x} [Bar72, CMV69].
 e^{-z} [Sie76]. e^N [Kog57]. e^x [Bar72, Mar86]. e^x/x [GK70b, Gau66a]. $E_1(x)$
 $[CT68]$. $E_1(x), x > 0$ [SZ77]. $E_n(x)$ [SZ74]. $E_\nu(x)$ [CLM88]. $Ei(x)$
 $[CT69, Ng70, Pac70, Red70, TM68]$. ϵ
[Bre78a, Kal04, KKY07a, KKY07b, Mat92]. η [BFSG74, BFSG84]. $\exp(Bt)$
[PN85]. F [Dor68]. $F(a; b; c; z)$ [FLS06]. $f(\infty)$ [BB94]. $F(n/2, 1/2, x)$ [Uni49].
 $f(x)$ [BB94]. $F_0(x)$ [SC71]. $F_{1/2}(x)$ [WR63]. F_2 [OSS09]. F_3^m [AH10].
 $F_a(\alpha; \beta, \beta'; \gamma; x, y)$ [TS76]. F_c [BK16]. $F_\lambda(\eta, x)$ [Bar82a]. $F_m(x)$ [CP98]. G
[Lev91a, SS10]. $G_\lambda(\eta, x)$ [Bar82a]. Γ [BB82, Sha76, BF92]. Γ_3 [CS11]. H
[KS04]. $H_n^{(1)}(z)$ [AM79, AM84a]. $H_n^{(2)}(z)$ [AM79, AM84a]. I [Soo73a]. I_0
[Hil77]. $I_0(x)$ [Bla74]. $I_0(\xi)$ [Las82]. $I_1(x)$ [Bla74].
 $I_n(b) = 2\pi^{-1} \int_0^\infty (\sin xx)^n \cos(bx) dx$ [Tho66].
 $I_n(b) = 2\pi \int_0^\infty (\sin xx)^n \cos(bx) dx$ [Fet67]. $I_n(b) = 2\pi \int_0^\infty (\sin xx)^n \cos(bx) dx$
[MR65]. $I_n(X)$ [D. 44]. $I_n(x + iy)$ [Sca71]. $I_\nu(x)$
[ADW77a, ADW77b, Amo78]. $I_{-nu}(z)$ [Tho04, Cam81, Cam84a, TB87].
 $\int_0^\infty \frac{t^{2\alpha-1} J_\nu(x\sqrt{1+t^2})(1+t^2)^{\alpha+\beta-1}}{t^d} dt$ [Sch78a]. $\int_0^\infty t^{2\alpha-1} (1+t^2)^{1-\alpha-\beta} J_\nu(x\sqrt{1+t^2}) dt$
[Gla79]. $\int_x^\infty e^{-t^2/2} t^p dt, x > 0, p$ [DiD78]. $\int_x^\infty J_0(t) t^{-n} dt$ [Lon59].
 $\int_x^\infty J_1(t) t^{-n} dt$ [Lon59]. $\int_0^{\pi/2} J_0^2(\gamma \sin x) dx$ [SF87]. $\int_0^{\pi/2} J_\nu^2(\lambda \cos \theta) d\theta$ [Won88].
 $\int_0^\infty \exp(-ct) dt / \sqrt{t(1+t^2)}$ [Act74]. $\int_0^\infty t^n \exp(-t^2 - x/t) dt$ [CP79]. $inverfc\theta$
[Phi60]. J [Gun65b, Gun65c, Soo73a, JF16]. $J'_l(x)$ [Bea58]. $J_{-\nu}(x)$ [CK79]. J_0
[AM77, AM84c]. $J_0(x)$ [GM88, MG85, WBR82, Sch64]. J_1 [AM77, AM84c].
 $J_1(x)$ [GM88, WBR82]. $j_l(r)$ [Del79]. $J_l(x)$ [Bea58]. j_n [AM78b, AM84b].
 $J_n(x)$ [Col80, Col84]. $J_n(x + iy)$ [Sca71]. $J_n(z)$ [AM79, AM84a, dT93, CM83].
 $J_\nu(x)$ [ADW77a, ADW77b, Amo78, Cam79, Cam84b, MG89]. $J_\nu(z)$ [ES99].
 $Je_0(a, z)$ [DK90]. K
[Lau73, BST13, Cod65a, Bas01, Lem88, LC87, Cod66, FC64, FC64]. $K_0(z)$
[Bur74]. $K_1(z)$ [Bur74]. $K_{i\zeta}(x)$ [BO75]. $K_n(Z)$ [Par72, LG79]. $K_\nu(t)/I_\nu(t)$
[LL72]. $K_\nu(z)$ [Cam81, Cam84a, TB87, Tho04]. $K_p(x)$ [Aha69]. $K_{in}(x)$
[BEJ78]. $K_{is}(x)$ [GP64]. L [ZSA86, BB15]. $l(r)$ [Del84]. l_2 [GLT+15]. L_p
[Hei88, Ubh89, JMS98]. λ [Bar84b]. $\log_2 x$ [KP75]. $\log Z$ [Luk57]. M [Kog59].
 $M(a, b, x)$ [Mul01]. $M_{k,1/2}$ [Lau73]. $GF(2^m)$ [RHMLL08]. μ [Kun81]. N
[CH89, BH99, Hig93, CL00, GLT+15, Har14, Lev91b, Rei69, Kog59]. ν
[CK79, CH70a]. $O(N^2/\log^{3/2N})$ [SR81]. $O(n^3 L)$ [Gon89]. $\cos x$
[Bar72, Bar72]. modp [Sch85]. $\sin x$ [Bar72, Bar72]. p
[ADN03, CL11, Tor02, Tur94]. $P_\nu^1(\cos \theta)$ [Wil68]. $p_{1/2+i\tau}^m(x)$ [GST12b].
 $\partial\partial\theta P_\mu^1(\cos \theta)$ [Wil68]. ϕ [Pro88]. π [Bai88, BBB89, CDR71, Sal76a, Sha76]. ψ
[Gla66]. $\psi(x)$ [DR98]. $\psi(x) - \theta(x)$ [Per85b, Per87]. $\psi(x; 3, l)$ [McC84]. $\psi(z)$

[McC81]. Q [GST14a, Bor88, GA08, Kra95, SJ12]. R^2 [Bos89]. ρ [BFSG74, BFSG84]. S_n [SM77, SM78]. $Shi(x)$ [TM68]. \sin [Tur69]. $\sin(x)/x$ [GK70b, Gau66a]. \sin^{-1} [MMM93]. $\sin z = az, \cos z = az$ [Fet76]. $\sqrt(x)$ [And82]. $\sqrt(x/d)$ [ALB98]. \sqrt{x} [Kah80]. $\sqrt{x^2 + y^2}$ [BJK⁺11]. $\sum_{n=1}^{\infty} n^{p-1} E_n^*(f) < \infty$ [HS83]. t [Hil70a, Hil70b, Hil73, Hil81a, Hil81b, eL79]. Θ [Fdi97]. $\theta(x; 3, l)$ [McC84]. $U(a, b, z)$ [Tem83a]. $U(a, b, z)$ [GST15a]. $U(a, x)$ [GST06a, GST06b, SGA81]. $V(a, x)$ [GST06a, GST06b, RL76, SGA81]. W [Gau11, MS16, Veb12]. $W(a, \pm x)$ [SGA81]. $W(a, x)$ [GST11a, GST11b]. $W_{k,1/2}$ [Lau73]. $W_{k,m}(z)$ [Won73, WR71]. \wp [Eck76, Sou57, T.57]. X [HJ67b, Mou67]. $x = 0$ [BB94, Mid75]. x^n [McC77, NL94]. x^{x-1} [Mor14]. $x \exp(i\pi/4)$ [Wal84]. $x \geq 0, \nu \geq 0$ [ADW77a, ADW77b, Amo78]. $Y_0(x)$ [WBR82]. $Y_0(z)$ [ZB95, Zha96]. $Y_1(x)$ [WBR82]. $Y_1(z)$ [Zha95, Zha96]. y_n [AM78b, AM84b]. $Y_n(z)$ [AM79, AM84a, ZB97, dT93]. $Y_\nu(x)$ [Cam79]. Z [Som82]. $z = 1$ [BS06, Sko04]. Z^2 [Lef05]. $Z\alpha$ [FR76]. $Z\alpha^2$ [FR76]. $\zeta(\alpha, s)$ [BS06]. $|x|^\alpha$ [GS91].

-algorithm [Bre78a, Mat92]. **-analogues** [GA08]. **-Bessel** [BST13].
-binomial [Kra95]. **-continued** [Lev91a]. **-D** [BJK⁺11]. **-DIIS** [Sel93].
-discrepancy [Pro88]. **-Distribution** [Hil70a, Fet79, Hil81a, eL79, Dor68].
-elementary [Bor88]. **-expansion** [Kal04, KWY07a, KWY07b]. **-fractions** [Lev91b]. **-Function** [Eck76, Gla66, GST14a, BF92]. **-functions** [BB82, Gau11]. **-gamma** [GA08]. **-interpolation** [GRS87]. **-norm** [JMS98].
-Norms [GLT⁺15]. **-periodic** [Lem88]. **-plane** [BDG⁺84]. **-Quantiles** [Hil70b, Hil81b]. **-saturation** [Hei88]. **-select** [CL00]. **-series** [BB15].
-spaces [Som82]. **-Spline** [Lin79a]. **-th** [Har14]. **-transforms** [KS04]. **-type** [Fdi97]. **-Vectors** [GLT⁺15]. **-Zeros** [CH70a, CK79]. **-Zeta** [SJ12].

/ [Tur69].

1 [Frö63a]. **10th** [KM91]. **11th** [SIJ93]. **121** [Laz85]. **121-122** [Laz85]. **122** [Laz85]. **123** [HJ67b]. **12th** [KM95]. **13** [Joh87b]. **13th** [LMT97]. **14** [Bea60]. **144** [ACG⁺87]. **149** [Mer62, Tha63b]. **14th** [KK99]. **15th** [BC01]. **1604** [Mae60]. **163** [Fet63]. **165** [Far69, Tha63a]. **167** [PZ95]. **16BST** [Cat85]. **16th** [VDR05]. **179** [BB74, Lud63, PH67]. **17th** [IEE05]. **18-19** [IEE81a]. **180** [HJ67b]. **181** [HJ67b]. **18th** [KM07]. **191** [Kop74, Rel63a, Rel63b]. **192** [Rel63c]. **1975** [Ask75, Tra76]. **1976** [Cow77]. **1981** [Mul82]. **1983/84** [Laz85]. **1985** [Mar85]. **1990** [BL91]. **1993** [BCEP94]. **1996** [Boi97]. **1999** [CDS00, DIW00, SC01]. **19th** [BCDH09].

2 [IM99a]. **2001** [BC01]. **2002** [Bor02, KV03]. **2005** [HUY07, IL07]. **2006** [Ano06, Men06]. **2013** [IEE13]. **2015** [IEE15]. **209** [HJ67b]. **20th** [Bre00, SO11]. **213** [Gra63a, Gra64]. **21st** [IEE13]. **222** [Gau64a, Gau64b]. **225** [Bra64, CC64]. **226** [Cyv64, HJ67b]. **22nd** [IEE15]. **244** [LG64]. **245**

[Mac89]. **25** [Sha76]. **252** [Gun65a]. **259** [Gau65]. **260** [Gun65b]. **261** [Gun65c]. **272** [HJ67b, Mac65, Mac68]. **282** [Gau66a]. **291** [PH66]. **292** [Gau66b, Gau69b, Köl69a]. **299** [HP67, OW68].

30 [ACG⁺87]. **30-ns** [MIT⁺95]. **300** [Gun67, Köl69b, Köl69c, Vos73]. **301** [BP67, Pit67]. **304** [Ber68, HJ67a, HJ67b]. **30th** [IEE89b]. **312** [Fri67]. **32** [ASA06]. **322** [Dor68]. **332** [Sko75, Wit68]. **33rd** [Spr00]. **34** [Fra81]. **349** [TS69]. **352** [Cle69]. **3600** [Cod64]. **363** [Gau69a, Köl72a]. **38** [Bin68]. **3800** [WOG95]. **385** [Pac70]. **392** [Fri72, SM70]. **395** [Hil70a]. **396** [Hil70b]. **3DNow** [IM99a].

40 [Fet81a]. **404** [LT71]. **421** [Kuk72a]. **43** [Fet81b, Köl97]. **435** [Ful72, Sch78b]. **44** [Per87]. **442** [HD73]. **44th** [Men06]. **45** [Lew87]. **465** [Hil73]. **47** [Cob69, Tho04]. **471** [Gau73]. **484** [Bur74]. **487** [Pom74]. **488** [Bre74]. **490** [GZ75, Mor76]. **498** [Pri75]. **4th** [IEE78].

50th [Gau94]. **511** [ADW77a, Amo78]. **518** [Hil77]. **542** [Gau79a]. **549** [Eck80]. **55** [Her61a, Tha63c]. **55-b** [MIT⁺95]. **56** [Her61b, Lar66]. **57** [Her61c, Tha62a]. **577** [CN81]. **585** [Bre82a]. **5th** [Ano03, IEE81a, IEE81b, IL07].

6 [Gun65b]. **6-** [Gun65b]. **60** [Tem79]. **610** [Amo83]. **64** [HKST99, Mar00, ST99]. **644** [Amo86, Amo90, Amo95, Kod07]. **650** [Joh87a]. **69-0172** [Fet81a].

708 [BL94, DM92]. **723** [And00]. **7289** [FR98]. **73** [Jef62, Mey63, vdR63]. **736** [DR94a]. **745** [Goa95, Goa97]. **754** [AHM⁺98, AAHTH10, BT99, DR04, Hou81]. **754r** [LSZ08]. **757** [Mac96]. **77** [GST02b, WNO94]. **78** [Has66]. **794** [Wie99]. **7th** [Ano06, Hwa85].

804 [Alh00a]. **814** [Smi01]. **819** [GST02b]. **81f** [Fra81]. **822** [GST02c]. **831** [GST04a]. **838** [Fab04]. **850** [GST06a]. **858** [VC06a]. **86k** [Per87]. **86m** [Lew87]. **877** [Kod08]. **88** [Cun62a]. **885** [Lin09]. **'89** [IEE89c, ACM89, Cun62b]. **895** [BC09].

9 [Gun65c]. **9-** [Gun65c]. **'90** [Koo91, Cun62c, EC13, GST12b, Smi01, Tho97a]. **903** [CZ10]. **'91** [IEE91, Koo91]. **910** [Kor11]. **911** [Smi11]. **912** [Kod11]. **914** [GST11a]. **916** [ZA11]. **92** [VRS⁺99]. **939** [GST14a]. **'96** [Lak96, RDK98]. **969** [GRAST16]. **9th** [ES89].

A-Priori [Krä87]. **A.F.** [Leh83b]. **abc** {CLZ04}. **Abramowitz** [Dav59]. **Absolute** [MM91b, Mat90a, Fri67]. **Abstraction** [KI16]. **abstracts** [Spr00]. **Academy** [Mil75]. **accelerated** [DGB82]. **Accelerating** [BMR04, Vep08].

Acceleration

[Alb62, Boy09, Bra65, Bre82b, CRZ00, DGS65, FFS83, Gus66, HBS00, Hom96a, Hom96b, Hom98a, IBM05, KP03, LB90, Osa90, Ovt03, Pas03, Sel93, SF79, Tro84, UE05, Wil12, Wyn72, Bre77, Del81, AGJ86, Ano67, BD85, Bel90, Bre77, Bre78c, Bre78a, Bre78b, BDGB83, Bre83, Bre85, Bre88, Bre99, Bre00, BCG91, Cro92, DK82, DGB80, Del81, Fdi97, GB90, Gus78a, Gus78b, Gus84, Gus85, GS91, HP93, Har77, Hau88, Hom94, Hom98b, Hom99, Ise91, Ise94, JW88, Joh83, Kru99, Kza92, Kza99, Lem88, LP88, Lev91b, Lev91a, LP95, Lon81, Mat90a, Mat92, Mül93, Mül99, Now06, Ole96, Osa94, Pas92, Pas08, Pas10, Pas11, Rdl01, Sch68, Sed90, SL83, SS98, Wen89, Wen01, DGB80].

accelerators [Sid06]. Accuracy

[BBM84, BHK09, Gal85, GB68, Ike76, LDP93, Sal51b, SF59, Bar81, Bar84b, Bra64, CC64, Gal86, Krä88, Loe01, Sch80, TB87, Bra87, Rot71, von80, Mül90].

Accurate [AFC10, ASA06, AM79, AM84a, Bin68, FB91, Flo15, FR76, GB91, GST12a, HT13, Har09b, JF16, KB90, LJ13, MNP83, MT85, MT86, SS97b, SS97a, SZ05, SS99b, Tan90a, Tan90b, ZOHR01, von84, AM12, BCK⁺⁹³, DMMM95, Di 86, GST11b, Lut95, Mit92, PKS00, PN85, SZ77, SS10, Tan91a].

Achieving [BTDS11, Gal85, Gal86]. **Ackermann** [Sun71].

Acknowledgment [Wis48]. **ACL2** [Bor02]. **ACL2-2002** [Bor02]. **ACM** [ACM89, Joh87b, Koo91, Bre74, Bur74, Ful72, Gau73, GZ75, Hil70a, Hil70b, HD73, Hil73, Kuk72a, LT71, Mer62, Mor64, Pom74, Rel63a, Wit68]. **Ada** [ACM87, Squ91a, Squ91b, DPC95, Dri89, Dri91d, Dri91a, Dri91b, Dri91c, Mat87, Squ91d, Squ91c, Tan90b, Tan91a]. **Adaptive** [BM04, ZCL15, Was89].

Add [BDL09]. **Addendum** [Fra81]. **adders** [CP99]. **Addition**

[SS97b, SS99b, MC91]. **Additions** [LJ13, ITY96]. **adds** [Bic81]. **Adelaide** [KK99]. **Ado** [Kah87]. **advance** [BMR04]. **Advanced**

[Luk99, Ask75, CDS00]. **Advances** [IEE99, VK95]. **Aerospace** [Fet81a].

affiliated [Bor02]. **Again** [Hin77]. **ähnliche** [Völ83]. **Ai** [CM13b]. **Aids** [SR53]. **Air** [Fet81a]. **Airy** [BP67, CM13b, CH78, CJR91, CJR92a, CJR92b, FO99, Fab04, FLO04, GST02b, HB75, JL12, Kra14, LO93, MPG92a, MPG92b, MP79, Moo81, Moo84, Pit67, Pri75, RS81, oKSAG79, SC81]. **AIZ** [GST02b]. **Albuquerque** [IEE91]. **algebra** [Arm82, Joh88, Tre80].

Algebraic [ACM89, Bro07, FS96, Lak96, Ris79, SE11, Her82]. **algebraically** [Boy09]. **algebraically-converging** [Boy09]. **algebras** [Hai60, Var95].

ALGOL [Tem79, Chr62, Chr65, Frö63b]. **Algorithm** [ALMN05, Bai93, BV85, BO93, Bic81, Bre74, BDK⁺⁰⁵, Bur74, Cod83, Cod93, CG85b, Erc78, EC13, FFS83, Flo15, Ful72, Gau73, Gau16, Gil16, GZ75, GLR07, Gus78a, Hei96, Hil70a, Hil70b, HD73, Hil73, Joh87b, KDDH94, Kuk72a, KNS95, LC87, LT71, Mac89, Mer62, MKY92, Mor64, OE82, PSB76, PEB04, Pom74, Pre78, RKZ⁺¹⁴, Rel63a, Rol87, SG02a, oKSAG79, Sel93, SR14, Smi91, Soo73d, Soo73c, Tak01, Tem79, Tho13, VB04, VVA09, Wit68, Zen04, eL76, Bai88, BKM94, Bar81, BJ15, Bre78a, Bre80b, Bro89b, Bun09, Car72, CL94a, DMMM95, DAV12a, EH89, Fdi97, Fet74, Fuk83, GEK04, GST12b, Gon89, Gre82, Har14, Has00a, Jab12, Jab13, KB89, KMY89, KCYL06, LO95, LP88,

LC96, LC97b, LMS73, Mat92, McC77, Mit92, Mos69, OY91, PN85, Per85a].
algorithm [SGA81, SS10, SD85, Ter81b, Tom00, Vep08, Wal71, WTM05,
 Woź10, ZLC04, Alh00a, ADW77a, Amo78, Amo83, Amo86, Amo90, Amo95,
 And00, BC09, Bea60, Ber68, BP67, BB74, Bra64, Bra70, Bre82a, BL94,
 CN81, CZ10, Cle69, Cob69, CP70, Cun62a, Cun62b, Cun62c, CC64, Cyv64,
 DM92, Dor68, DR94a, Eck80, Fab04, Far69, Fet63, Fil66, Fri67, Gau64a,
 Gau64b, Gau65, Gau66a, Gau66b, Gau69a, Gau69b, GK70b, Gau79a,
 GST02b, GST02c, GST04a, GST06a, GST11a, GST14a, GRAST16, Goa95,
 Goa97, Gra63a, Gra64, Gun65b, Gun65c, Gun65a, Gun67, Her61c, Her61a,
 Her61b, HP67, HJ67a, HJ67b, Hil77, Hil81a, Hil81b, HP85, Hol70, Jan77,
 Jef62, Joh87a, Kod07, Kod08, Kod11, Köl69a, Köl69b, Köl69c, Köl72a,
 Kop74, Kor11, Lar66, Lew75, Lin09, LG64, Lud63, Mac65, Mac68].
Algorithm [Mac89, Mac96, Mey63, Mor76, Ng70, OW68, Pac70, PH66,
 PH67, Pit67, Pom76, Pri75, RT61, RS81, Red70, Rel63c, Rel63b, Sch78b,
 Sko75, Sko78, SM70, Smi01, Smi11, TS69, Tha62a, Tha63a, Tha63c, Tha63b,
 VC06a, Vos73, Wie99, ZA11, eL79, vdR63]. **Algorithmen** [Mül90, Völ83].
Algorithmes [Bre78c]. **algorithmic** [Che81]. **Algorithms**
[Alh00b, Ano68, Bak75b, Bre80a, Bre78c, CN81, CMW63, CH98, CHI⁺03,
DeL70, Deu76, Eps75, FLR03, Fan89, Fow93, GST12a, Gra63b, Gus86, Has90,
Int03a, Int03b, JSH⁺11, LF92, dL70, Luk77, Mac89, Maj85, Mar72, MC87,
Mil65, Mül90, Nes84, Ng75, OS72, Pen81, Rus98, Sg92, Sor94, ST99, Tan91b,
TBDS11, Ter81a, Tro84, Völ83, WG91, WG94b, Bak73, Bak75a, BST13,
BM80, CO86, CHGM99, DAV12b, Egb77, EL94, EM03, GA08, Gor82, Kog89,
Lit89, Luk99, Mat90b, MMH93, MC89, MM90, Mul97, Obe99, Olv80, Saw02,
Sch93a, Sch93b, Sch95, Tan87, Yey92, Fri72, IL07, Rix82, Tha62b].
Algorithmus [Fil66, Rix82]. **all-order** [KWFY07b]. **Alley** [Hei96].
allgemeiner [von80]. **already** [FKY86]. **Alternating** [Alb62, CRZ00].
alternierenden [Alb62]. **AMD** [IM99a, Obe99, Rus98, Rus99]. **AMD-K7**
[Rus98]. **AMD-K7TM** [Obe99]. **Among** [JMMW79]. **amplitude** [Sal89].
AMS [Ric92, DM08]. **Amsterdam** [GST14b]. **analiz** [PS93]. **Analog**
[BH65, Bin68, Pre55, Rob55, HFS99]. **Analogue** [SR53]. **analogues** [GA08].
Analyse [CHG⁺11, Bre77]. **Analysis**
[Abe88, BSY82, Das94, IM99a, IP87, Par99, Pug04, Sle64, Sle78, Smi95,
Tan91b, AGA⁺80, BCD⁺02, Bre77, Bre78b, CH78, CDJ⁺01, LP61, LP62,
LČJ63, Mil75, PS93, Ris79, SP61, Sob88, vRdl88]. **Analytic**
[BG84, BS98, Ric73, Tra76, TW80, BS00, BL71, Cri82, Fer86, Kza92, LP95,
Mül93, Sea84, Sko04, Ter79, Tra76]. **Analytical**
[Ano98, Dar70, Fuk14, GM04, Sho60]. **Ancient** [BB12, Yon70]. **Anger**
[Olv67]. **Angular** [TTW79, TTW84]. **ANL** [Kuk66]. **Ann** [IEE81a, IEE81b].
Anniversary [Gau94]. **Annual** [Spr00, IEE89b, Koo91, Men06].
Anomalous [Gau77a]. **Answer** [Wal80]. **Antonio** [Koo91]. **any** [AG08].
APMathLib [ZOHR01]. **Appearing** [Squ70]. **Appell** [OSS09, TS76].
Application [AEF92, Hou81, SF96, TBDS11, T⁺97, VDR05, Ask75, Cro92,
EC79, GS91, LG79, Sho86, ZXZH01, Lef05]. **Application-Specific**

[T⁺97, VDR05]. **Applications**

[AKS01, Ban01, Bor02, Cor61, Flo15, MS68, Ng77, SC01, Sid03, Wim81, AAS93, BB15, Buc69, CDS00, CMV69, AEF92, IK05, KS04, Kor02, Leb72, MS67, NU88, OSS09, Ric92, Sam02, SO89, Veb12, YC15, Ars62]. **Applied** [Car77b, HDG⁺15, GS91, MH08, TW80]. **Approach** [BJG⁺00, BM15, Gal85, Har97b, Ike76, Tal68, Bre88, BCG91, FK88, Gal86, GS14, JS89, Kre89, Lew94]. **Approximant** [Bar74]. **approximants** [AGJ86, Bor88, DF78]. **Approximate** [Lit93, Lit94, Mak80, Mar72, RX07, Via89, DK77]. **Approximating** [Jar12, Joh89, NL94, SS99a, BMST97, Epp89, HR07, KK96, MST89, Özb06, Yey92]. **Approximation** [BM15, BM04, CG89, Caw00, CJL09, DiD78, Eck76, EW76, GS82a, Gill6, God01, IL07, ITY95, KP75, KS88, Kra85a, Lan64, MS87, Mus87, PA86, POMB05, Plo96, Plo01, Pug04, Sch99, SS97a, SF96, Sim64, Sou57, Squ70, SS99b, WS05a, WEX14, WR63, ZSA86, AGS99, Bra84, Cuy94, Dan77, DAV12a, DAV12b, DZKK77, Ebe89, Eck77, Ell83, Eve63, Fik67, Fuk83, Fuk15d, Fuk15b, Fuk15c, GRS87, Glo89, Gor82, GS91, ITY97, JMS98, Kra85b, LG79, Lor89, LSM16, Mag94, Mar86, MC87, Mon83, MV98, MS15, Pei63, Phi79, Pro87, Rei86, Roc82, SF93a, Sei99, Sho86, SS87, Sun88, Tes69, Tim87, Ubh89, VT11, VM87, VB81, Zwi87, vRdL88, T.57]. **approximation-theoretic** [VB81]. **Approximationen** [Hol69].

Approximations

[Bur63, CG55, CG94, Car75, CDR71, Cod65a, Cod66, CH67, CT69, CH70b, CST73, Dar70, Dun94a, Dun94b, FL67, FB91, Fie65, Fik66, FR98, Fra65b, Frö61, Frö63a, HCL⁺68a, HCL⁺68b, Has55, Hit57, HBS00, Hol69, KZ90, Kra14, Luk68, Luk69a, Luk69b, Luk70, Mae60, Moo67, New84, Nin70, Pri75, RS81, ST07, Sch84, SS97b, SW99a, Spi61, SDP11, Wad58, WC61, Wil70, Yoh70, Bla74, BEJ76, BEJ78, BBB89, BPD81, Cle54, CT67a, CT67b, CT68, CMV69, CHT71, Dan77, Dun87a, Dun87b, Dun88, FW13, Fer86, GP64, Gau02, GL83, GM88, Jam99, Kas80, Kee82, Kon76, Lit93, Lit94, LSM15, LM15, MT72, MG85, MG89, MPG92a, MPG92b, OG82, Pie84b, Pow88, Saa91, Sha76, Sie76, Spe72, WC90, Wen07, WBR82, ZB95, Zha95, Zha96, ZB97, Ben83].

approximators [HSW89]. **April**

[Ask75, Bor02, DM08, IEE13, IP87, KK99, Tra76]. **Aptitude** [Völ83]. **Aquifer** [Har97b, Har98, Har01, Har08, PHH08]. **Arbitrary** [BH65, Bra87, Krä87, Lew75, LDP93, Rot71, TS69, BS00, DSK83, LS95, KR86, Sca71, Shi93, VC06a]. **Arbor** [IEE81a, IEE81b]. **Architecture** [AFC10, ASA06, ALMN05, CHI⁺03, HKST99, Int03a, Int03b, PEB04, PBLM08, CL94a, KP98, MMW91, MM91a, MS82, MS94]. **Architectures** [JSH⁺11, LF92, T⁺97, VDR05, Luk99, MMH93]. **Arccsin** [Kog58a]. **Arctan** [Kog58b, SK71]. **arctangent** [JL94]. **arctangents** [Car72]. **Area** [NKY08, SL95, Tom00, LKH93, SR81]. **Area-Efficient** [NKY08, Tom00].

Area/Performance [SL95]. **Argument**

[Amo86, Amo90, Amo95, AM77, Bar61, BDL09, BS98, Chr65, GRAST16, GZ75, Kod08, Kod11, Köl72c, Mat04, Mec66, Min70, Mor76, Mor79, Smi95,

Soo73a, Soo73b, Soo73d, Soo73c, Sou57, AM78b, AM79, AM84a, AM84c, AM84b, BY07, Büh87, Büh92, Büh03, Cam79, Cam81, Cam84b, Cam84a, Di 86, Fuk10, GST04a, HTHR94, Köl84, KRVZ98, KB86, Lew85, Lew87, Sca71, TB87, Tur72, VC06b, YM97, Zak69, ZB97, de 77, dT93, T.57, Tho04].

Arguments

[Bur74, CP98, GB68, Gau65, GT58, Jan77, Krä87, R. 43, Raf70, RL80, Tho13, TM68, Bar82b, Bar84a, Cai11, Cob69, CJR91, CJR92a, CJR92b, GST04b, GST15a, Krä88, Mas83, Moo81, Moo84, SG98, TB86, Wal84]. **arise** [SL83]. **arising** [BG84, Har77]. **ARITH** [BC01, IEE05]. **ARITH-15** [BC01]. **ARITH-17** [IEE05]. **Arithmetic** [Ber84, BHK09, BB84, BCDH09, BC01, DLM09, DHL⁺04, ES89, Hul78, Hwa85, IEE78, IEE81a, IEE81b, IEE05, IEE13, IEE15, JF16, KM95, KK99, KM91, KM07, LMT97, Sal76a, SO11, SOL81, Smi91, SIJ93, Tan89b, Tan89a, Tan90d, Tan92, Ull90, von80, BG84, Bic81, BCK⁺93, Che71, CA00, Eps75, EMR82a, EMR82b, GLM15, Hou81, LM00, LMOT01, MT72, MH72, PH90, RN96, Sal89, Sch93a, Sch93b, Smi01, Swa90, TRHH94, VCV01, dDM06, Atk79, HUY07]. **Arithmetic-Geometric** [BB84, Sal76a, MH72, Sal89]. **Arithmétique** [Ber84]. **Arizona** [DM08].

ARL [Fet81a]. **ARM** [BH07]. **Array**

[Dav81, LA85, MK71, Maj72, CL95, LC97b]. **Arrays** [LE95, EM86, LE93].

Art [IP87]. **articles** [Ban01]. **Artificial** [AGL93]. **ASAP** [VDR05]. **ASIC** [WMDM92]. **Asilomar** [LMT97, Sin95]. **Aspects** [AKS01, Fer07, Tem07].

Assessment [Boi97]. **assistant** [BMZ06]. **Associated**

[Bra73, Cle69, Fri72, CB12, CM13a, CE15, Che15a, Che15b, Che16, Sai89, SS65, SJ01, SJ12, Cob69]. **Asymptotic** [AS03, Bor10, CG85a, CG94, CE15, CS11, Cun62a, Din58, FO99, Kas80, Kim72, Lóp00, Olv91, Sch64, Sle65, SZW11, SF87, Tem92, Tho65, Wen07, Won73, Won88, YC15, ZZ11, Air37, BB94, Che13b, CP15, Che15a, Che16, DT09, FLMR00, Fet79, FW85, FKY86, JW88, KC11, LSM15, Mac72, MP79, Tem75b, Tem78, TC01, Sch68].

Asymptotically [Wan82, Hom98b]. **Asymptotics**

[Mag94, Olv74, Wal96, FLO04, GG08, Tem83b, Tem86, Wil12].

Asymptotische [Sch68]. **Atkin** [KCYL06]. **Atlantic** [AFI71]. **Atlas** [OMS09, SO87, Tho97b, Tho97a]. **atomic** [SC81]. **attempt** [Che81].

Augmented [BJK⁺11]. **August** [BL91, Bro07, Gau94, Mar85]. **Austin** [IEE13]. **Australia** [KK99, Lav80]. **autocorrection** [Lit93, Lit94].

Automatic [Cah54, Che72, DeL70, Gra02, dL70, MS82, Pie82, Pie84a, SZ70, SZ74, SZ76, AK93, Lin57, Wen64]. **Auxiliary** [LDP93]. **avoiding** [Hom99].

b [MIT⁺95]. **Babylonian** [FR98, Mur88]. **background** [Kog89]. **Backward** [OS72, Tha79]. **Bad** [MT85, MT86]. **Balanced** [BS98]. **Baltimore** [IEE99]. **band** [LP62, RX07]. **band-limit** [RX07]. **band-limited** [LP62].

Bandwidth [Far81]. **Bartky** [Bul69a]. **Bartky-transformation** [Bul69a].

Base [CVV65, Fet81a, Has66, LC87]. **Base-** [LC87]. **Based** [BO93, HAK91, KZ90, NS09, Tal68, WG94b, BK16, CHGM99, DR04, HFS99, Kru99, KI16, LF92, LSM15, MC87, Mat90a, Nis94, RdC93, SdCR97, TVG00, WG91].

Basel [Ull90]. **Bases** [Sau93]. **Basic** [Ars68, Gas81, Kuk71, Joh88, Kra95, Sch80, Shi93, Ver77, DF84, VCV01]. **Basis** [AH10, Yon70, Hig77, Mul85a, Pow88, KR86]. **Bath** [KM95]. **BCD** [Sch73]. **BCY** [Che81]. **Be** [PW76, DGB82, AK09]. **beach** [Ehr89]. **behaved** [Vai89]. **behavior** [Büh87, MP79]. **beliebige** [Krä87]. **beliebigen** [Bra87]. **beliebiger** [Rot71]. **Bell** [NR15]. **Benchmarks** [WOG95]. **Ber** [Her61c]. **Berechnung** [Fil66, Rot70a, Rot71, von84]. **beregner** [Ped80]. **Berkeley** [Liu87]. **Berlin** [AGA⁺80]. **Bernoulli** [Fil92, Har14, HG64, KB67]. **Bernstein** [Bor82, Cri82, Hei88, Tim87, Whi82]. **besonderer** [Völ83]. **Bessel** [Bra70, JL12, Tho04, VRS⁺99, Abr45, Air37, Amo74, ADW77a, ADW77b, Amo78, Amo86, Amo90, Amo95, Ano46, Ant64, AM77, AM78b, AM79, AM84a, AM84c, AM84b, AWH13a, Ars81, BC79, BDGP13, BDGP14, Bar10a, Bar10b, Bar81, Bar82b, Bar84a, BA44, Bea58, Ben98, BK78, Ben83, BH65, Bin68, Bla74, BST13, BO75, Bow58, BPD81, Bur74, Cai11, Cam79, Cam81, Cam84b, Cam84a, Cha82, CMF77, Cod83, Col80, CM83, Col84, Cur64, D. 44, DCL⁺92, Del79, Del84, ES99, FS92, FMC82, FO93, FKY86, Gab79, GP64, GS78, GF97, GST02d, GST04a, GST04b, GL83, Gla74, Gla81, GT58, GT59, GM88, Har00, Har08, HF09, Har09b, Hil77, Hin77, Hit57, Hum85, Ike76, Ism77, Jab94, Kas80, KKI67, Kor02, Kra14, KRVZ98, KB86, Lar69, Las82, Len76]. **Bessel** [LG79, Lew69, LW82, Lin72, LK73, Lir71, LM08, LO93, LS95, Luk59, Luk64, Luk71a, Luk71b, Luk72, Mak65, MG85, MG89, Mas83, MS68, Max91, Mec66, Mec68, MV98, Nag01, Nas74, NR15, Nes84, NF63, New84, O'B80, Olv64, Par72, PS77, PS79, Pie82, Pie84a, Pie84b, Pie84c, PA86, Puo88, Rap94, RdC93, RKZ⁺14, Saf10, Sai89, Sca71, Sch64, SdCR97, SG99, SS10, Sol69, Soo73a, Soo73b, Soo73d, Soo73c, SA57, Tal83, Tal84, Tal09, Tem75a, Tem76, Tem79, Tem86, Ter81a, Ter81b, Tha79, TB86, TB87, VC06a, VRS⁺95, Wal84, WC90, Wil71, WBR82, YM97, YM03, ZB95, Zha95, Zha96, ZB97, de 77, dT93]. **Best** [Hol69, Nin70, SS87, Zwi87, Kee82, Mag94, OG82]. **bester** [Hol69]. **Bestimmung** [Hol69]. **Beta** [BB74, BL94, DJ67, DM88a, DM92, OM68, PSB76, Wis48, Gau64a, Gau64b, Lud63, Tem75b, TW80, PH67]. **Beta-Function** [DJ67]. **Betriebssystems** [Rot70b]. **Better** [BBD03, BD02, LM00]. **Between** [BJG⁺99, Hin77, Lar69, Lef05, Car69]. **beyond** [Ars81]. **Bibliography** [Ein79, Ful80]. **Bickley** [BEJ78]. **bicomplex** [Tre80]. **biharmonic** [Mon83]. **billion** [BBB89]. **Binary** [Che71, CVV65, DeL70, Har09a, Has66, LA85, dL70, Maj72, Mar72, Rot70a, Bak76, CKL89, Hig93, RN96]. **binomial** [Kra95]. **Bipartite** [SS97a, SS99a]. **Birmingham** [IP87]. **BIT** [Frö63a, Kah87, RHMLL08, Ziv91, LMS73, Per85a]. **Bit-Parallel** [RHMLL08]. **Bivariate** [Dre78, JKMR11, LW89, Ruy89]. **BIZ** [GST02b]. **BKM** [BKM94]. **BLAST** [Has00a, Has00b, ZLC04]. **Blinn** [Bli97]. **Block** [Cas83]. **body** [CZ10]. **Bombelli** [RS98]. **Book** [Ars62, Köl87, Wig67]. **Boolean** [Bel89, CG89]. **Boost** [BD99]. **bootstrap** [LW89]. **borné** [Del81].

Borweins [Bai88]. **Bose** [Din58, NDT69]. **Boston** [ACM87]. **both** [RX07, Sca71]. **Boulder** [Mul82]. **Bound** [AMS76, BJ15, BMST97, Cha82]. **Boundary** [LL09, AO08, Cro92, JS89]. **boundary-value** [JS89]. **bounded** [Del81, GK89b, HR88, Zie89]. **Bounding** [HKA93]. **Bounds** [Alb62, Amo73, BST13, Olv67, Olv88, Rot70a, Tro84, Yoh70, Yoh73, AM89, Bel89, BW89, Kra98, Lit89, Mor14, SS98, YCZ15]. **Bourbaki** [Laz85]. **Bowman** [Ars62]. **box** [DR89]. **Bozeman** [BL91]. **Brahmagupta** [KB89]. **Branch** [Har97a, Kah82, Kah87]. **Brent** [BJ15]. **Briggs** [AM12]. **Brighton** [IEE89a]. **British** [Gau94]. **Broadening** [WKG66]. **Brook** [Cow77]. **Build** [Sal92]. **Built** [Cow64]. **Built-In** [Cow64]. **bulk** [AM89]. **Bureau** [Mul82]. **Burnside** [LSM15]. **Byrd** [Fet81b, Köl97].

C

[Fet81a, Köl87, Sha76, Bak92b, Kor11, Lau95, Sch88b, Sel93, Tho97b, USE88]. **C249** [Mar86]. **C9X** [McC02]. **CA** [SE11, IEE78]. **Cairo** [Wah04]. **cake** [Bel89]. **Calcolo** [RS98]. **calcul** [Mul85b, Mul86]. **calculate** [Ped80, RdC93]. **calculateurs** [Ber84]. **Calculating** [Kal34, Kod11, LaF54, Raf70, Sal51a, TS76, DSK83, Jab12, Jab13, MKS83, Tal83, Tal84, Tal09]. **Calculation** [AS54, Chr62, DJ67, DP92, Fet65, Fet67, Fik66, FW84, Gau99, GLR07, GT59, Har97b, Hon71, Lin57, LP83, Mec66, MKY92, MM91b, Mor78, Mor99, KR86, Saa91, SH72, SR53, SF59, Spi71, Str68, TM68, Zak69, vdLT84, Air37, Bul65a, Bul65b, Bul69b, DM91, Eve63, FMC82, HvdR63, JL12, LR74, Mid75, MH72, Mou67, Mul85b, RL76, RS98, Sal89, Saw02, VRS⁺95, VRS⁺99, Köl87]. **Calculations** [DLM09, DPC95, GLT⁺15, KKI67, Kor11, Len76, Sal76b]. **Calculator** [OMS09, Egb77]. **Calculators** [BR73]. **calculus** [FS96, SO89]. **California** [ES89, LMT97, Sin95]. **Cambridge** [IEE89c]. **Canada** [Bro07]. **Cancellation** [CM13b]. **cannot** [DGB82]. **capability** [Bic81, LMT⁺92]. **Cape** [IEE05]. **Carathéodory** [Mag94, VT11]. **Carathéodory-Fejér** [VT11]. **cardinality** [Was89]. **carefully** [Wil96]. **Carlson** [Gra02]. **Carnegie** [Tra76]. **Carnegie-Mellon** [Tra76]. **Carolina** [BCEP94, IEE89b]. **Cascaded** [KNS95]. **Case** [Cas83, OLHA95, Sle78, Sou57, Eck77, Ein89, Gau11, Kra98, KI16, Sko04, T.57]. **Cases** [Car89, LM03, LSZ08, SLZ05]. **Caslin** [Fet81a]. **CD** [Spr00]. **CD-ROM** [Spr00]. **CDC** [ADW77a, ADW77b, Amo78, Cod64]. **CDC-3600** [Cod64]. **CELEFUNT** [Cod91, Cod93]. **cell** [JL94, AK09]. **Cellular** [MK71, Maj72, CL95]. **censoring** [Ruy89]. **Centenary** [BCEP94]. **centennial** [AGA⁺80]. **Center** [Ask75, IEE85, AGH89, Saf10, Vai89]. **center-unstable** [AGH89]. **central** [GST15b]. **Century** [Lid01, Lid02, Bre00, Gau94, Plo96]. **Certain** [Ano46, DeL70, Deu76, Erc73, Lan60, dL70, Sch64, Sri70, Ver77, Abr45, Akr85, BC79, BL71, CCV11, GK70a, Kra85a, Las82, Lew94, LP95, RX07, SS93a, Sie76, SZW11, ZSA86, ZZ11]. **Certification** [Ber68, Bra64, Bra70, BL94, Cob69, Far69, Gau64b, Gra64, Köl69a, Köl69b, Köl72a, Kop74, Lar66, Lew75, Mey63, Ng70, OW68, RT61, Soo73d, Soo73c, TBDS11, Tha62a, Tha62b, Tha63c, Tha63b, vdR63]. **Certified** [CJL09].

Certifying [dDLM11]. **Cesaro** [MS87]. **chain** [Paw11, Wil96]. **challenging** [Sid06]. **Chandrasekhar** [Jab12, Jab13]. **chaos** [PH90]. **CHAPLIN** [BD14]. **CHAPLIN-Complex** [BD14]. **Characteristic** [Fri72, AB88, Bos89, Fuk09b, McN73, Cle69]. **Characterizing** [Kee82]. **Chebyshev** [CT67a, Frö63a, Hol69, Per87, Bar61, Bla74, BEJ76, BEJ78, Boy14, Cod65a, Cod65b, Cod66, CH67, CT67b, CT68, CT69, CMV69, CH70b, CHT71, CST73, CM83, Dar70, Del79, Del84, EW76, Frö61, GP64, Hum64, KP03, LLK14, MT72, Ném65, NDT69, Per85b, Pie84b, Pri75, RS81, Sch78c, Sch80, She74, She76, WC61, WBR82, Woo67, ZB97]. **Checked** [Rus98, Rus99]. **Chemie** [Sne63]. **chemistry** [Sne56, Sne61, Sne63, Sne80]. **chemists** [Wen09]. **Chester** [IL07]. **Chi** [HP85, Rob69, Tho65, eL76, GST15b, HP67, OW68]. **Chi-Square** [Rob69, GST15b]. **Chi-Squared** [HP85, eL76, OW68, HP67]. **Chinese** [Liu93, XL94, Che81, XLX⁺83, Yon70]. **choice** [Ge89]. **choices** [SL97]. **Cholesky** [Sch84]. **Choong** [Sha76]. **Choosing** [SL97]. **CIMPA** [HUY07]. **Circuit** [IEE89a, MIT⁺95, Bel89, CCC96, CP99, HFS99, MI97, SL63]. **Circuits** [DM88b, Maj85, OTY91, Bel89, KK98, Liu95]. **Circular** [DJ62b, DJ62a, WD61, Zuc64]. **City** [AFI71]. **Civic** [IEE85]. **Clarification** [ACG⁺87]. **Class** [DeL70, Dub83, Gla81, Lir71, dL70, CR08, Cro92, Gus78b, Gus84, Mak80, Mos69, Som82]. **Classes** [OG82, Cri82, Kaz65, Liu93, Lu14, SZW11, Ubh89, ZZ11]. **Classical** [Loz00, PS05, BG84, Håv81, Tem96]. **Clebsch** [Buj75, Gun65a, SM77, SM78]. **Clebsch-Gordan** [SM78]. **Clever** [Kah04]. **Closed** [GW71, XC15, Dav88]. **CMOS** [HFS99, TRHH94]. **co** [DMS95, USE88]. **co-processor** [DMS95]. **Coconut** [AK09]. **Cod** [IEE05]. **code** [RdC93, SdCR97]. **Codes** [FLR03, Gus78a, SG99]. **Coefficients** [Bra65, Buj75, SG76, Boy09, FNC75, FW80, Fra81, Gun65a, Sch76a, Sch77a, SM77, SM78]. **Coerror** [Amo73, Gau77b, Gau16]. **Collection** [WNO94, Sne63]. **Collective** [Sti88]. **College** [MC87]. **Colorado** [BC01, Mul82, Luk99]. **Coloring** [PP12]. **Columbia** [Gau94]. **Combination** [LA03, Lit83, Sho86]. **combinatorics** [GI01]. **Combined** [LM95, Nan11, ALB98, LM99, NL99]. **combining** [EL89a, MI97]. **Comment** [T.57]. **Comments** [Kuk66, Tra60]. **Common** [BK78, Ben83, DMS95, LM07]. **Commun** [Tho04, VRS⁺99]. **Comp** [Fra81, Lew87, Per87, Sha76]. **Compact** [Caw00, Sch99, CK88, Whi82]. **Companion** [HDG⁺15]. **compare** [QW06]. **Compared** [JJ65]. **Comparison** [And82, Ng75, SL95, LMS73]. **Comparisons** [FLR03]. **Compatible** [Tay81]. **Compilers** [BD99]. **complement** [CL94a]. **Complementary** [Cod90, FCC73b, Chr62, EL08, FCC73a, HR72, Phi79, Zak69, HJ67b]. **Complete** [AVV90, AVV92, Cod65a, Cod65b, Cod66, FC64, Goa95, Mer62, OM68, QV96, Sko78, BZ92, Boy15, Fet81a, Fuk09a, Fuk11, Ism77, MH72, Mor78, RT89, Far69, Her61a, Her61b, Lar66, Tha63a, Tha63c, Tha63b]. **completely** [CE15, CP15, Che15b]. **Completeness** [Hig77]. **Complex** [Ahr96, Amo86, Amo90, Amo95, AM77, Bak92a, Bra87, Bur74, CP98, Chr65,

Cod91, Cod93, Cor61, Dor66, EW76, EM04a, EM04b, EM07, FCC73a, Fet76, Fri67, God01, HFT94, Ise91, Kah82, Kah87, Kod08, Kod11, Kol70, Köl72c, Krä87, Kuk72a, Kuk72b, Lan60, LT71, Mat04, Mec66, Neh07, Ng75, Par72, PS11, PP12, Rap94, Sal51a, oKSAG79, Soo73a, Soo73c, TTW79, WEX14, AM79, AM84a, AM84c, BKM94, BCD⁺02, Cai11, Cam81, Cam84a, CL11, Car95, CA00, CM83, CJR91, CJR92a, CJR92b, CDJ⁺01, EC13, FLO04, Fet81a, GST02b, GST02c, Gon52a, HHR00, Jür66, Köl84, Krä88, KRVZ98, KB86, LG79, Mas83, MY91, Moo81, Moo84, MH72, Mor78, Mor99, Sca71, Squ91a, Squ91b, Str59, TTW84, TR84, TB86, TB87, Tho04, Tur72, YM97, Zak69, ZB97, dT93]. **Complex** [Bea60, BD14, Gau69a, Köl72a, RT61].
Complex-Valued [Mat04, PS11]. **Complexities** [NS09]. **Complexity** [AH10, BB88, RHMLL08, Vav89, Bel89, Bre75, Bre76b, MST89, Per85a, Tra76].
Compliance [Rus98]. **complying** [AHM⁺98]. **Component** [vRdL88].
Comprehensive [AWH13c]. **Comput** [Tho04, VRS⁺99]. **Computation** [ACM89, AS95, ARH14, Aha69, AH10, Alh00b, Amo74, ALB98, Boe62, BB84, BL94, Bro07, Che70, Che72, CJL09, CMF77, CVV65, Cri89, D. 44, DM88a, DiD90, DM92, Dre78, Dub83, Ehr61, FLO04, Fil66, Fle68, Frö63b, Fuk15a, Ful99, Gau61, GST12a, GST14a, GRAST16, Goa95, God01, HT13, HCK09, HKST99, Har09b, Has66, Hul78, JSH⁺11, Joh14, KB67, Kog57, Kog58b, Kog58a, Kog59, Köl72d, Lak96, Leh96, LDP93, Loe01, LJ13, Luk57, Luk77, MMV81, Mar90, MR71, Mec68, Mül04, Nad15, NKY08, ND70, Pea09, PB02, PEB04, Rap94, Rob69, RHMLL08, Rot70a, Rot71, Rus13, Sal76a, Sar59, Sch85, SE11, Spo94, Swe63, Tem79, Tra60, VVA09, ZJ96, AGA⁺80, Alh00a, Bai88, BB15, BM80, Cai11, Car95, CZ10, CH89, CA00, CCV11, DMMM95, DKK80].
computation [DHM89, DK90, Ekl01, Fil92, FI94, Fuk09a, Fuk09b, Fuk10, Fuk11, Fuk13a, Fuk13b, Fuk14, Fuk15d, Fuk15b, Fuk15c, GI01, GK70a, GS78, Gau94, Gau11, GST02b, GST02c, GST11b, GST15b, GST17, GS99, HHv⁺73, JJW86, Joh15, Kat78, Kon76, KB86, Las82, LK73, Mar81, MNP83, Mer94, Mul85a, Mul86, Ng84, Pie82, Pie84a, Sar60, SS10, Tem83a, Tem86, Wim74, XL94, BL91, LČJ63, Mül90, SR53, von84]. **Computational** [BBC98, BBC00, Gau75, Gau79b, Ng75, Sun71, Wim82, BW00, Gau94, Jam89, SW88, Tra76].
Computations [Ahr96, MT85, Ng77, WG91, WG94b, Bel89, Dan77, Joh83, KO94, Kra98, MT86, Vav89]. **compute**
[BBB89, Boy15, EC13, Mac96, Per85a, Sca71]. **Computed** [Yoh70].
Computer
[AFI69, AFI71, Atk79, BH65, Bin68, BCDH09, BC01, CET62, DeL70, ES89, Fik68, HCL⁺68a, HCL⁺68b, Hwa85, IEE78, IEE81a, IEE81b, IEE89b, IEE89c, IEE05, IEE13, IEE15, JJ65, KB90, KM95, Kog57, Kog58b, Kog58a, Kog59, KK99, KM91, KM07, LMT97, dL70, Mar88, PH90, PW76, Pre55, SO11, Swa90, SIJ93, Tan89b, Tra76, Ull90, Wah04, von80, AGA⁺80, DSK83, GP84, Gus78a].
computer-oriented [AGA⁺80]. **Computers**
[Ano03, Ano06, Sin95, SA57, Ber84, Has55, RW77, Tak00]. **Computing**
[Cah54, Car79, DR98, DH59, DJ62b, DJ62a, DR94b, For97, Fra65b, Gal85, Gal86, GST02a, GST03, GKS04, GST04b, GST06b, GST15a, Har97a, Ike76,

JKMR11, Joh16, Köl72c, Kuz15, LW63a, LW63b, Lin09, Lin72, LCY65, Mar05, MMM93, MY91, Mul01, Rob55, ST07, SKL93, SZ70, SZ74, SZ76, Tak01, Van69, Vol59b, Vol59a, YM03, ZA11, AK93, BDM81, Car72, Dom03, Fet74, Gab79, GST12b, GLM15, Har14, HHR00, mH12, Kan96, Köl84, KCYL06, KRVZ98, McC81, PKP74, Pro83, Puo88, Saf10, Sko05, Tho97b, Tho97a, Vep08, XC15, Zen04, VC06a]. **Concept** [von80, Gon52b].
Concerning [Wre68, Arm82, SW88, Wre73]. **condition** [HS83]. **conditional** [Fuk13a]. **conditions** [JW88]. **conduction** [CMV69]. **conductive** [RdL01]. **conductive-convective** [RdL01]. **Conference**
 [AFI69, AFI71, Ano03, Ano06, Ban01, Boi97, BCEP94, IEE89a, IEE85, IEE89c, IP87, IL07, MC87, Men06, Mil75, MS94, Mul82, SKL93, Sin95, Spr00, T+97, USE88, VDR05, Wah04, ACM87, AGA+80, BL91, AEF92, Mar85].
configuration [Yos97]. **Confluence** [Nag04]. **Confluent**
 [AS95, GN89, Luk59, Mil57, Olv91, Sla60, Sla64, Tha62b, AG08, Buc69, CQSP04, DT09, Gau02, Lew44, Mul01, Tem78, Tem83a, Uni49, Rel63c].
Congress [Lav80]. **conical** [GST12b]. **conjecture** [CLZ04]. **conjugate** [MS87]. **connect** [CK88]. **connection** [Car69]. **considerations** [Wen01].
consistent [Hom98b]. **Constant**
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constants [CB87, GS99, KC11]. **Constrained** [MT72, SDP11]. **Constraints** [Kuk71]. **constructing** [Kai89]. **Construction**
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Context [FR98]. **contiguous** [Seg08]. **Continuation**
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Continued-Fraction [Smi95, Bar82a]. **Continuous**
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Control [Kuk72a, Kuk72b, Bel90, BL91, Bre83, Roc82, Mae60]. **controlled**
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 [Alb62, Ano67, Bre78a, Bre82b, BDGB83, Bre85, Bre00, Chl11, CRZ00, DGS65, DK82, GB90, Gus66, Gus78b, GS91, HP93, Har77, Hau88, HBS00, Hom96a, Hom96b, Hom98a, Hom99, Ise94, JW88, Kru99, Kza92, Kza99, KP03, Lem88, LP88, LB90, Lev91b, Mat92, MH72, Mül99, Osa90, Osa94, Ovt03, Pas92, Pas03, Pas08, Sed90, Sel93, SF79, UE05, Wyn72, AGJ86, BD85, Bel90, Bre77, Bre78c, Bre78b, Bre83, Bre88, Bre99, BCG91, Cro92, DGB80, Del81, DF78, Fdi97, FS92, Gau77a, GK89b, Gus78a, Gus84, Gus85, HTHR94, HR07, Hom94, Hom98b, Ise91, Joh83, Lev73, Lev91a, LP95, Lon81, Lu14, Mat90a, Mül93, Now06, Ole96, Pas10, Pas11, PKP74, RdL01, Sau93, Sch68, SL83, SS98, Sid06, Vep08, Wen89, Wen01, Bre77]. **Convergence**
 [Del81]. **Convergent** [Bar74, God01, Osa90, UE05, Bai88, DGB82, Hom99,

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 [Din58, ITY95, Air37, Boy09, Jam89, Kat78, Sch95]. **Convex**
 [Lit83, EH89, Fuk83, Zwi87]. **conveyors** [KK98, Liu95]. **convolution**
 [Mül99]. **Coprocessor** [KZ90, TVG00]. **Coq** [BMZ06]. **CORDIC** [Mül90,
 Ekl01, HTHR94, SR14, VVA09, Vol59b, Vol59a, Völ83, ZCL15, MMM93].
CORDIC-Algorithmen [Mül90]. **Cornelius** [BCEP94]. **Corner** [Bli97].
Correct [LM03, SF16]. **Correction** [BHK09]. **Correctly**
 [BJK⁺11, Kah96, LA01, LM00, Ziv91, Ano14, BMR04, CLZ04, LMT98, SS93b].
Correctness [CH98, CHGM99, Rus99]. **Correspondence** [Hon71, vRdL88].
Corrigenda [Ano94, Cod66]. **Corrigendum**
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 [CL00, Dan82, FLMR00]. **Cost/performance** [CL00]. **CoStLy** [Neh07].
COULFG [Bar82b, Bar84a]. **COULN** [NT84]. **Coulomb**
 [Abr64a, BDG⁺72, BDG⁺84, BFSG74, Bar76, Bar81, Bar82b, Bar82a, Bar84a,
 BFSG84, Bar84b, Bar84c, BS84, Boe69, CH70b, CP70, Frö55, Gau66b, Gau69b,
 Gun67, Hum85, Ike75, Ike76, Köl69a, Köl69b, Köl69c, Köl72d, MKS83, Nes84,
 NT84, Sea84, SG72, TTW79, TTW84, TR84, TB86, Vos73, Wil71]. **coupling**
 [Gun65a]. **course** [BW00]. **Coverage** [DJ62b, DJ62a, DiD90]. **CR** [Ano14].
CR-Libm [Ano14]. **Crandall** [BB15]. **Cray** [???90, KB90]. **Criteria** [Ike76].
criterion [Fik67]. **crunching** [Atk79]. **cryptography** [Per85a].
cryptoprotocols [Per85a]. **crystalline** [Har77]. **Cube**
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Cubic [Car89, Flo15]. **Cubiche** [RS98]. **Cubing** [AH10]. **Cumulative**
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 [Che70, HJ67a, HJ67b, Hol70, Squ70, Ber68]. **Curves** [Sch85, Nis94]. **Cuts**
 [Kah82, Kah87]. **Cylinder** [Dor66, Mil64, WR71, GST06a, GST06b, GST11a,
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 [Kod08, Kod11, Mas83, KB86].

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 [Koo91]. **d'après** [Laz85]. **Data**
 [Joh88, Krä87, Mae60, MC87, BCG91, EMR82a, FK88, Wen01]. **datapath**
 [CCCP99]. **Datenformate** [Krä87]. **Davenport** [Laz85]. **Davidson** [Ovt03].
Dawson [Dij77, Hum64, McC74]. **Daykin** [Sha76]. **Debye** [ND70]. **decade**
 [Bre85]. **December** [ACM87, BCEP94]. **Decimal**
 [Har09a, VVA09, WS05b, Bai88]. **decimal64** [LSZ08]. **Decreasing**
 [BFHT85]. **dedicated** [IK05]. **Defektberechnung** [Mül90]. **defined** [Tre80].
definite [Gla74]. **definition** [BL71]. **Degenerate** [PS79]. **degree** [Tes69].
demonstration [CCC96]. **Denominator** [BM04]. **density** [CKL89, McN73].
Denver [Luk99, USE88]. **Department** [Tra76]. **dependent** [Kre89]. **Depth**
 [BFHT85, OTY91]. **derivative**
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[Rot70b]. **Dokumentation** [Rot70b]. **Domain** [PP12, Cro92, HTHR94]. **domains** [Ric92, Sau93, Shi93]. **dont** [Del81]. **Doppler** [WKG66]. **Double** [Cod64, DAV12a, DAV12b, Kin65, LL09, LM03, PB02, SH72, Sca71, She76, Spe72, Swa65, Ano14, HHv⁺73, Hon71, MS87, Paw11, Tem86, TE06, WG94a]. **Double-Length** [SH72, HHv⁺73, Hon71]. **Double-Precision** [Cod64, Kin65, Swa65, Ano14]. **Downward** [GM04]. **Driven** [ASA06, Tan89a, Tan90d, Tan92]. **drobno** [Saa91]. **drobno-ratsional'nykh** [Saa91]. **DSP** [BJG⁺99, BJG⁺00, MKY92, Ste89, WMDM92]. **DSP-Oriented** [MKY92]. **dual** [KMY89, MI97]. **dual-rail** [MI97]. **Dualmaschinen** [Rot70a]. **duplication** [Car79, Fuk13a]. **during** [Bre00]. **Dynamic** [Mül90, Dem89, Krä88, MI97]. **Dynamical** [Mey01, Ise94]. **dynamics** [AGH89, Ise91]. **dynamischer** [Mül90]. **Dyson** [Hom96a]. **Dzjadik** [Kon76].

early [Dut84]. **ECCTD** [IEE89a]. **Eclectic** [Sri07]. **Economic** [SK71]. **edge** [Mit92]. **edition** [Fet81b, Köl97]. **editor** [Cat86, Fik67, Kin65, Swa65]. **Education** [LMS99]. **effect** [Lit93, Lit94]. **Effective** [Kra85b, AM89, Jab12, KC11]. **effektivnom** [DZKK77]. **efficiencies** [Jam89]. **Efficient** [Ahm89, CL94a, CVW06, DJ67, DZKK77, Flo15, Fow93, FR76, GST12a, GST17, GLT⁺15, ITY95, ITY97, Joh87a, KB86, LL09, LJ13, NKY08, Ric73, SW99a, Smi89, Spi61, Tan90a, WS05a, Woź10, Bak75a, CGKZ05a, CGKZ05b, Dan77, Ell83, Has00a, HF95, Joh87b, LKH93, MC89, Tom00, Vep08, Wal84]. **efficiently** [NL94]. **Effusions** [Bat07]. **Egypt** [Wah04]. **Eigenvalue** [Ovt03]. **Eigenvalues** [SS65]. **Eignung** [Völ83]. **Einbettung** [von80]. **einfacher** [von84]. **einiger** [Fil66]. **Einschließung** [Sch68]. **Einstein** [Din58, NDT69]. **Electrical** [Wah04]. **Electronic** [BR73, Kog57, Kog58b, Kog58a, Kog59, Rob55, Wah04, Har77]. **electronic-structure** [Har77]. **element** [LG79, Mon83]. **Elementaarsed** [Jür66]. **élémentaires** [Ber84, Laz85, Mul85b, Mul86]. **elementaren** [Rot71, Völ83]. **Elementarer** [Emd40, Emd45, Emd48, Emd59, Fil66]. **elementarnykh** [Bar72, DZKK77, LČJ63, LP83, PS93, Saa91]. **Elementary** [ACG⁺86, Ahm89, AFC10, Bak75b, Bak92a, BSY82, BBM84, BB84, Bra87, Bre76a, Bre80a, Cod71, CW80, Cod91, Cod93, CB87, CVW06, Dam94, Dav81, DeL70, Dri89, Emd40, Emd45, Emd48, Emd59, Erc72, Erc73, ELMT00, Far81, Fil66, Fra78, Frö61, Frö63a, Gal85, GB91, GL83, Gon52a, Gon52b, Gus86, HKA93, Hul78, HFT94, Jür66, Kah82, Kah87, KDDH92, KDDH94, KB90, Kog66, KZ90, Krä87, LM03, Leh96, Liu87, LJ13, dL70, LCY65, Mar72, Mat87, MCM90, Mor64, Mül90, Mul97, NS09, NKY08, Nis94, OTY91, PW76, Ric68, Rit25, Rot70b, Rot71, Sal92, SS94, SS99a, Spi61, SDP11, Tan89b, Tan90b, Tan91b, Tho87, Tur72, Völ83, Wan74, WG91, WG94b, Ziv91, Zuc64, dDLM11, von80, von84, ACG⁺87, AM78a, Ano14, Arm82, BKM94, Bak73, Bak75a, Bar72]. **elementary** [BBD03, Ber84, BL71, Bor88, BCD⁺02, BD02, Bre75, Bre76b, Bro89b,

Bro89a, Bro90, Car69, Car90, Che81, CA00, Cle54, Cod82, CDJ⁺01, Dan77, Das94, DMMM95, Dri91d, Dri91a, Dri91c, DM88b, DK77, DF78, DZKK77, Ekl01, Eps75, EC79, FLMR00, Fer86, Fog51, Gal86, GM84, Hai60, HHv⁺73, Her69, Her71, Hit75, Jam81, Kai89, Kaz65, Kog60, Kon76, Kra85a, Kra85b, Kui52, Laz85, LM07, Lin57, Liu93, LČJ63, Loe01, vdD88, Lut95, LP83, MS67, Mak65, Mak80, MT72, Mar81, Mar90, Mar00, Mar03, McC77, Mer94, MY91, MV98, Mul85a, Mul85b, Mul86, Nag68, Nis84, OGWY94, Olv80, Peš63, PKP74, PS93, Ric88, Ris79, KR86, Saa91, Sai89, Sal76b, Sg92, SS93a, SS93b, Shi93, Sho60, Sim64, Smi89, Spe72, Squ91a, Squ91b]. **elementary** [Squ91c, Tan91a, Tes69, Tre80, Wal71, War60, WG94a, WG95, XLX⁺83, XL94, ZSA86, dDM06]. **Elementary-Function** [BBM84]. **elements** [Mus87]. **ELF** [SG99]. **Ellipse** [Adl12]. **Ellipsoids** [DR94a, DR94b]. **Elliptic** [AVV90, AVV92, Ars62, Boe61, Car77a, CN81, Car87, Car88, Car89, Car92, CG94, Car99, Cod65a, Cod65b, Cod66, DH59, Eck80, Ehr61, FL67, Fet65, FC64, Fra65a, Fuk15a, GW71, Gla71, Lan60, LW63a, LW63b, Lóp00, Luk68, Luk70, Mas75, Mer62, Mey01, MT64a, MT64b, NC66, PS05, QV96, QVV98, Sch88a, Sch85, Sid95, Sko78, Sou64, Van69, Wri73, ZC70, BZ92, Boy15, Bul65a, Bul65b, Bul69a, Bul69b, Car79, CG85a, Car91, Car95, Cri89, DCL⁺92, Eck77, Far69, Fet81b, Fet81a, FI94, Fuk09a, Fuk09b, Fuk10, Fuk11, Fuk12, Fuk13a, Fuk13b, GMMIDM13, Gra02, Her61a, Her61b, HvdR63, Jef62, Köl97, Lan80, Lar66, Mey63, Mid75, MH72, Mor78, Mor99, Nis94, Paw11, Sch76a, Sch77a, Tha63a, Tha63c, Tha63b, VM87, vdR63]. **Elliptical** [DiD90]. **elliptically** [Was89]. **Eloquent** [Adl12]. **embedded** [Ste08]. **Embedding** [von80]. **Emphasis** [BS98, Buc69]. **empirical** [Ruy89]. **enclosure** [Sch68]. **encoding** [ZXBZH01]. **end** [Fet74]. **energies** [BS84, TR84]. **energy** [Bar84b, NT84, Sea84, Sti88]. **Engineering** [Wah04]. **engineers** [And98, Bel68, Bel04, Fet81b, Köl97, Lau95, Lau04, Sen67]. **England** [KM95]. **English** [AEF92, Hom96b]. **Enhanced** [BHK09, ZCL15]. **Enhancement** [Boi97]. **ensembles** [AEF92]. **Entire** [BDG⁺72, BDG⁺84, Zal89]. **Episode** [Ful99]. **epsilon** [GS14, HL13]. **Equal** [KP75]. **Equation** [Bra65, Cle69, Flo15, Fri72, Hom96a, Mil57, FLO04, GST04b, Mon83]. **Equations** [Cas83, Cow64, HBS00, Lir71, Olv67, AO08, Ars68, BBB89, Boy14, HBF09, PS77, PS78, PS79]. **Equator** [OMS09]. **Equianharmonic** [Sou57, T.57]. **equivalence** [Her71]. **ERF** [HJ67b]. **erfinv** [Jar12]. **ergodic** [Kra89]. **ERL** [GEK04]. **Erlang** [Whi63]. **Errata** [Coh12, Fet81b, Fet81a, Köl97, Sha76]. **Erratum** [Amo78, Frö63a, LW63a, Szm13, Tho04, VRS⁺99, Wre73]. **erreurs** [Del81]. **Error** [Bre83, Bre99, Car63, Car75, CR68, Chr65, Cod90, DJ62a, FCC73b, Fra78, Gau61, Gau64c, Gau69a, KP69, Köl87, Krä87, Kuk72a, Kuk72b, MR71, Mil89, MM91b, Mül90, NSR10, Olv88, Plo01, Sal51a, Str68, Tan91b, WD61, Woo67, Akr85, Bel90, BEJ76, BJ15, Del81, EL08, FCC73a, Fet74, GK70a, GLM15, HJ67b, HR72, Köl72a, Kra98, Kra14, Lit93, Lit94, Mag94, Mat90a, McC74, Phi79, Sch78c, Wil96, Zak69, vdLT84, Alb62, HJ67b, SZ70]. **Error-Like** [Köl87, vdLT84]. **Errors** [Bra65, CJL09, KP75, Bor10, Wen07].

essentially [LP62]. **est** [Del81]. **estimate** [McC74]. **Estimates** [Fra78, Krä87, McC84, Ovt03, Per85b, Per87, QV96, BD85, Bre99, CG89, Che13a, Mar85]. **Estimation** [CKL89, Dem89, GK89a, Mat90a]. **Estimations** [Ele15]. **estimators** [LW89, Wan82, vR89]. **Estonian** [Jür66]. **ETAPS** [Bor02]. **étude** [Bre78c]. **Eugene** [Tal68]. **Euler** [Bor10, BM80, CM13a, Chl11, Dav59, HG64, Knu62, KB67, Lin79a, Lu14, LSY15, Swe63]. **European** [IEE89a]. **evaluate** [McC77, SdCR97, SG99]. **Evaluating** [Dan82, KZ90, Lin79a, LS95, Mar04, Whi63, FLMR00, NT84, Mul82]. **Evaluation** [AMT78, Bar61, BSY82, Bre76a, Bur74, CET62, CM13b, CR68, Cod90, CP79, DeL70, DM88b, Erc72, Erc73, Far81, Fik68, Fra65a, Fra78, FR76, Ful80, GA08, Gau77b, Gau16, GST02d, Gla66, GW71, GN89, GM04, Jab94, JKMR11, JF16, Kuk66, Lan60, LL72, Lin78, Lin79b, LW82, dL70, Mar72, Mar88, MR65, NC66, PS11, Ric73, Sch78a, SG76, oKSAG79, SC71, SF87, SG72, Tak66, Tem75a, Tho66, WOG95, Ziv91, BC79, BDGP13, BBC⁺14, Bar82a, BS06, BO75, BZ92, Bre75, Bre76b, Bun09, CGKZ05a, CGKZ05b, CLM88, CJR91, CJR92a, CJR92b, DF84, Di 86, Dun90, DM88c, Ein79, Fis73, FW85, GEK04, Gra63b, HF09, HR72, LGML05, LO94, MT72, MZM94, Max91, Mil89, OGWY94, PKS00, Pas95, SGA81, SZ77, Smi89, Tem76, Wal84, Wen64, Wil71]. **evaluation** [WG94a, WG95, Cun62a, Cun62b, Cun62c, LDP93]. **Evaluations** [GS82b, Lav86]. **evaluator** [PBN93]. **Even** [ARH14]. **Exact** [Lef05, Pom74, Pom76, SS93a, BWKM91, CZ10]. **Exactly** [SS94]. **examine** [Wil96]. **Example** [Plo96]. **Excellence** [Lid01, Lid02]. **Exception** [HFT94]. **exchange** [SR81]. **Execution** [Bai93]. **Exercise** [BB12]. **Existence** [Som82, Wan74]. **existing** [FKY86]. **Expansion** [FO99, Kim72, Luk59, LC61, NDT69, Pie84c, Sch64, Tho65, Van69, Won73, Won88, AS03, CG85a, Dij77, Ehr89, Fet79, GS14, HL13, Kal04, KWY07a, KWY07b, MMV81, McC74, Nag01, PHH08, Sch76a, Sch77a, TC01]. **Expansions** [Boe69, Cod65b, Cur64, Din58, FW61, GHT03, Hom98a, Hum64, Lóp00, Olv91, SR53, She74, She76, Sle65, Tha61, WR71, Woo67, BF92, Bor10, CE15, CP15, Che15a, Che16, CM83, CB87, Dom03, Fuk12, Fuk14, Har00, Hum85, Kat78, Lan80, Mac72, Nag04, Ném65, Sch78c, Sch80, Tem75b, Tem78]. **Explanatory** [Ful81b]. **Explicit** [Buj75, McC84, GF97, Kra14, OG82]. **Exploring** [SL97]. **Expm1** [Tan92]. **Exponent** [BHK09]. **Exponential** [AAHTH10, AS10, CET62, Caw00, CLOT86, CT69, Cor61, Fri72, GC64, Gau73, HJ96, HA86, Kar84, Köl87, LSZ08, Mil85, Ng70, PS11, PEB04, Red70, Sch99, Smi11, SZ74, SZ76, Sto41, Tan88, Tan89a, Tan90a, Zuc64, BSW95, Bea60, Bor10, Bra84, BT99, Che71, CLM88, CT68, DR04, DR89, Fog51, GHT03, GEK04, Har00, JMS98, Kan96, Mag94, MNP83, Ng84, PBE03, RT61, SZ77, XC15, vdLT84, Pac70]. **Exponentially** [Olv91]. **Exponentials** [Che72]. **exponentiation** [CC69]. **Expression** [Cun62a]. **Expressions** [BFHT85, Sho60]. **Extended** [CQSP04, SOL81, KA71]. **extended-precision** [KA71]. **Extended-Range** [SOL81]. **extends** [GP84].

Extension [ARH14, Hea65, Rus88, Bul69a, Ge89, Kai89]. **Extensions** [Ein89, Sle64, Ker83]. **Extracting** [Esc37, Pen81]. **Extraction** [BR73, Lan42, MK71, Maj72, Mur88, BDGB83, GREL96, Joh11]. **Extractor** [HAK91]. **extracts** [Fre81]. **Extrapolation** [Bre82a, BR91, Sid03, Bre80b, Håv79, Håv81, Saf10, Wal96]. **extreme** [YM03].

F [Ars62, Coh12, Fet81b, Köl97, Szm13]. **Faber** [Ell83]. **factor** [Air37, Car91]. **factorial** [Bor10, Fer07, Wen10]. **Factorization** [JF16]. **Factors** [Car92, Din58, Sch84]. **Faddeyeva** [ZA11]. **failure** [Wan82]. **Faithfully** [GLT⁺15]. **Fall** [AFI69]. **Familiar** [BB88]. **Families** [AS10, FW13]. **Fast** [Ahr96, Ano12, BS06, BB84, BZ92, Bre76a, Caw00, CH89, CJL09, Fuk09a, Fuk09b, Fuk10, Fuk15a, GST11b, GLR07, Gus86, HT13, Har09b, Hei96, HJ96, ITY95, Joh14, JF16, KB90, KP98, Mar05, Rol87, Sch99, Sor94, Tro84, WG91, WG94a, WG94b, WG95, Ziv91, Bak76, Bun09, DMMM95, Fuk11, Fuk13a, Fuk15d, Fuk15b, Fuk15c, GEK04, Has00b, Lyo91, Mar03, Mit92, OGWY94, PKS00, Phi79, Tom00, Zim00]. **Fast-Start** [Mar05]. **Faster** [Fil92, DM91]. **fatigue** [Sob88]. **Favard** [GS82a]. **Feasibility** [Dun90, Via89]. **February** [Koo91]. **feedforward** [HSW89]. **Fehlerabschätzungen** [Krä87]. **fehlerhaften** [Bra65]. **Fehlerschranken** [Alb62]. **Fejér** [Mag94, VT11]. **Fermi** [CT67a, BDM81, CT67b, Din58, Fer86, Frö63b, Fuk14, Fuk15d, Fuk15b, Fuk15c, Goa95, WR63]. **Fibonacci** [RS98]. **Field** [LE95, Ngu98, Ehr89, LE93, OSS09]. **Fields** [ARH14, HCK09, Mül04, Sch85, KCYL06]. **Fifteenth** [Plo96]. **Fifteenth-Century** [Plo96]. **Fifth** [Ded26, SC01]. **Filter** [MKY92]. **find** [Che81, LG79]. **Finding** [CH70a, Bre75, Bre76b, Jam89, Lyo91, Vai89]. **Finite** [BM15, Bus74, HCK09, Lew69, Mül04, Sch85, Fog51, Hai60, KCYL06, LG79, Mon83, OWS⁺14]. **First** [Ban01, Bar10a, Bea58, Bra70, Car77a, Cod83, DH59, ES99, FL67, Jab94, LW63a, LW63b, Pie84c, Van69, BZ92, Boy15, CG85a, Cha82, Cob69, DAV12a, DAV12b, Fet81a, Fuk10, Her61a, HvdR63, Mor99, Sca71, SG99, Tha63c, Wal84, YM97]. **Fitting** [Sto41, BCG91, Phi79]. **Fixed** [HHR00, dDIS13, Vav89]. **Fixed-point** [dDIS13]. **Fleshing** [MS16]. **Floating** [AAHTH10, Bli97, Bra87, CH98, D⁺89, DHL⁺04, GB91, Has90, Hul78, JKMR11, JMMW79, Kah80, LD89, MMNP91, Obe99, Rus98, Sch88b, Smi91, Ste08, Tan89a, Tan90d, Tan92, WS05b, dDLM11, BBC⁺91, BWKM91, BCK⁺93, BMR04, CHGM99, GLM15, Hou81, Kra98, Kul07, LKH93, LC97a, LMOT01, MT72, Mat90b, OY91, OJ04, PKS00, Rus99, SF93b, Smi01, SL97, Ste89, TE06, TRHH94, VCV01, WN03, dDM06]. **Floating-Point** [AAHTH10, Bli97, Bra87, CH98, DHL⁺04, Has90, Hul78, JKMR11, JMMW79, Kah80, LD89, MMNP91, Smi91, Tan89a, Tan90d, Tan92, WS05b, dDLM11, BBC⁺91, BCK⁺93, BMR04, CHGM99, GLM15, Hou81, Kra98, LKH93, LMOT01, MT72, OY91, OJ04, PKS00, SF93b, Smi01, SL97, Ste89, TRHH94, VCV01, WN03, dDM06]. **Florida** [Men06, Ric92]. **flous** [AEF92].

flow [Joh83]. **flows** [Fei78]. **fly** [EL89b]. **FNLIB** [Ful81b, Ful81a]. **following** [Laz85]. **fonctions** [Ber84, Laz85, Mul85b, Mul86]. **Force** [Fet81a]. **Forensic** [BB12]. **Form** [AMS76, GW71, Dav88, FI94, Wal84]. **Formal** [Rus13, Saw02]. **Formally** [BDL09]. **Format** [LSZ08, MMNP91]. **Formats** [Krä87]. **Formelsammlung** [Sne63]. **Formula** [Adl12, Spi71, Sun71, FNC75, FO93, GF97, Har01, KC11, Kza99, LSM15, LM15, LSM16, Mak80, Mei83, Sch77a, Sne63]. **Formulae** [KP03, Wim68, Akr85, Ben98, Jam89, RX07, Ver77]. **Formulas** [AS64, Boe61, Buj75, Car70a, Coh12, DH59, Gas81, LW63b, MO49, MOS66, Sal51a, Ske86a, Ske86b, Che13b, Che15a, CS11, FKY86, Kza92, OSS09, Sim64, XC15, YC15, LW63a, Wig67, Szm13]. **Forth** [Koo91]. **Fortran** [GN89, Amo83, Bai93, HKA93, KDDH92, Kuk66, KA71, Sca71, Smi91, BD14, CZ10, Col80, Col84, EC13, GST02b, GST02c, GST12b, KDDH94, Smi01, Tho97a, WNO94, Wie99]. **Fortran-77** [KDDH94]. **Forum** [IEE99]. **Forward** [LDP93]. **foundational** [Fer07]. **Foundations** [IEE89b]. **Four** [Boy15, DMS95, HFS99]. **four-quadrant** [HFS99]. **Fourier** [AO08, Boy09, HBF09, Hom98b, LP61, LP62, Lan80, MS87, Ole96, SP61, Sle64, Sle78]. **Fourth** [Atk79]. **FPGA** [DR04, TVG00]. **FPGA-based** [DR04]. **FPGAs** [LC97a, WN03, dDIS13]. **FPU** [AHM⁺98]. **fractals** [PH90]. **Fraction** [Bar74, Smi95, Spi61, Bar82a, Cha80, Che13a, Dij77, Gau77a, Kra89, LSY15, LM15, LSM16, McC74, SdCR97]. **Fractional** [Ano46, Ant64, CMF77, MG85, Sai89, VM87, Abr45, GM88, MG89, MPG92a, MPG92b, Nis84, SO89, Tim87]. **Fractions** [CPV⁺08, Len76, Mor64, Pas03, SB71, BC09, BZ92, Hau88, JW88, Lan80, Lem88, Lev91b, Lev91a, Now06, Pas92, RdC93, Sha76, Spe72]. **framework** [Per85a]. **France** [Ano03, Ano06, Bor02, KM91, KM07]. **FRB** [CZ10]. **Free** [LF92, CZ10, HTHR94, LLK14]. **French** [Ber84, Bre77, Bre78c, DGB80, Del81, Laz85, Mul85b, Mul86]. **Frequency** [Hil73]. **Fresnel** [Act74, And00, Chr62, Cun62a, Cun62b, Cun62c, Fle68, Gau64c, Gra63a, Gra63b, Gra64, LG64, Ném65]. **FRG** [MT85, MT86]. **Friedman** [Fet81b, Köl97]. **Fritz** [Wig67]. **Fukuoka** [Ano91]. **full** [AHM⁺98, LKKH99, Spr00]. **Function** [AS95, Ahm89, AAHTH10, Amo83, AK09, AWH13b, Bar61, BY07, BJG⁺99, BM15, BBM84, BP67, BBC98, BBC00, BI86, CET62, Car63, Car75, Caw00, CM13b, CR68, CH67, CST73, Cod75, D. 44, Dav64, DHL⁺04, DJ62b, DJ62a, DJ67, DM88a, DiD90, DM92, Eck76, ES99, FLR03, FCC73b, Ful72, Ful77, GB68, Gau61, Gau64c, Gau69a, Gau77b, Gau16, GST02d, GST12a, GST14a, GRAST16, Gil16, GZ75, Gla66, Gus86, HP62, Har97b, Har98, Har09b, HG64, Hea65, Her61c, HJ96, Hil77, HA86, Hum64, Jar12, KDDH92, KDDH94, Kim72, Kol70, Köl72c, Kol72b, Köl87, Kor11, Kuk66, Kuk71, Kuk72a, Kuk72b, Laf84, Lan64, LSZ08, LDP93, Lin79a, Lin72, Liu87, LT71, dL70, Luk59, Mac89, Mar65, Mat04, MR71, Mil85, Min70, Moo67, Mor76, Mor79, NSR10, NF63, Ng75, OMS09]. **Function** [Olv91, OM68, PW76, PH66, POMB05, Raf70, Rei69, Sal51a, ST07, Sch64, Sch78b, Sch76b, Sch77b, Sch99, SS97b, SS97a, SG02b, SB71, Sou57, Spi71,

Sri07, SLZ05, SS99b, Sto41, Str68, Sun71, Tak66, Tan88, Tan89a, Tan90b, Tan90d, Tan92, Tem75a, Tho87, WS05a, WEX14, WC61, Wis48, WG91, WG94b, Woo67, Wre68, dDLM11, AS03, Alz93, Alz97b, Alz08, AG08, AM78a, BC79, BB15, Bak92b, BSW95, BS00, BEJ76, BS06, BF92, BST13, BO75, BZ92, Bos89, Bra84, Bra64, Bre75, Bre76b, Buc69, Büh87, BT99, BK16, Cha80, Che13a, Che13b, CP15, Che15a, Che15b, Che16, CS11, CHT71, Cod82, Col80, CM83, Col84, CB87, CS82, CS83, CC64, Cyv64, Dav59, DAV12a, Del79, Del84, Dun90, Dut84, Eck77, Ekl01, EL08, Ele15, Eps75, EMR82a, FW13, FNC75].

function

[FLS06, Fet63, FCC73a, Fet74, Fis73, For97, FW80, Fra81, FW84, Frö63b, Fuk15d, GA08, GP64, Gau64b, GS78, GS88, GK89a, GST11a, GST11b, GST12b, GST15a, Gon52b, GP84, Har01, HF09, HHR00, HJ67b, Hum85, HR72, Jab12, Jab13, Jam81, Jam99, JS89, Joh15, Jon70, JMS98, Kai89, Kat78, Kaz65, Ker83, Köl72a, Köl84, Kuz15, Las82, LGML05, LG79, Lew44, LW82, LSM15, LM15, LSM16, Mag94, MS16, Mar03, Mar86, MZM94, MG85, MG89, MPG92a, MPG92b, MNP83, Moo81, Moo84, Mor14, MS15, Mul01, Nag01, Nag04, OY91, OSS09, Par72, Per85b, Per87, Phi60, Phi79, Pie82, Pie84a, PHH08, Pit67, Pow88, Pré10, Puo88, QM15, RL76, Sal89, Sch88a, Sho86, Sko04, Sko05, SC81, T.57, Tan91a, Tem75b, Tem76, Tem83a, Tem86, Ter81b, Tha62a].

function [TC01, Uni49, Vai89, VC06b, Veb12, WC90, Wim74, Wri84, YC15,

YCZ15, YM97, Zak69, ZB95, Zha95, ZB97, vdLT84, Hol69, Mar85, Wre73].

Functional [AVV90, AVV92, Deh89, Kog89, Liu93, vRdL88]. **functionals**

[Deh89]. **Functions** [Abr64a, AS64, Abr64b, ACG⁺86, Alh00b, AFC10, AGL93, Amo73, ADW77a, ADW77b, Amo78, Amo86, Amo90, Amo95, AVV92, ASA06, AMT78, AAR99, Ano46, Ant64, AM77, AWH13a, Ars62, AKS01, Bak75b, Bak92a, BDG⁺72, Bar10a, Bar10b, BA44, BD99, BJJ⁺00, Bat07, BSY82, Bea58, BK78, Ben83, BH65, Bin68, BC62, Bla64, Boe62, Boe69, BL02, BB84, BB88, Bra87, Bra70, Bre76a, Bre80a, BGVHN99, Bur63, Bur64, Bur74, Bus76, Cam84b, Car70a, CG55, Car70b, Car77b, CP98, CHG⁺11, CMW63, CLOT86, CH70a, CP70, Cod71, CMF77, CW80, Cod83, Cod90, Cod91, Cod93, Cur64, CVW06, CPV⁺08, CBBV10, D⁺89, Dav64, Dav81, DeL70, Deu76, Din58, Dor66, Dri89, DM88b, Eck80, Emd40, Emd45, Emd48, Emd59, Erc72, Erc73, ELMT00, FO99, Fab04, Far81, FB91, FW61].

Functions

[Fie65, Fik68, Fil66, Fle68, Fow93, Fra78, Fra65b, Frö55, Frö61, Frö63a, Fuk15a, Ful80, Gal85, GC64, Gau65, Gau66b, Gau75, Gau79a, Gau79b, Gau99, GST03, GKS04, GLR07, GT58, GT59, GN89, Gun67, GM04, HKST99, HJ67b, Hin77, Hit57, HKA93, Hul78, HFT94, Ike75, Ike76, Jab94, Jan77, Joh14, Kah82, Kah87, KB90, KKI67, Kod08, Kod11, Kog66, Köl87, KZ90, Krä87, LaF54, Lar69, Lau73, LM03, Len76, Lew69, Lew75, LDP93, Lin78, Lin79b, Lir71, LJ13, Low64, LO93, Loz94, Loz96a, Loz96b, Loz97a, Loz97b, Loz00, Luk59, LC61, Luk64, Luk69a, Luk69b, Luk71a, Luk71b, Luk72, Luk77, LASC95, LCY65, Mac65, Mar72, MC87, Mas75, Mat87, MR71, MS68, McC02, Mec66, Mec68, Mey01, Mil64, Mil65, MT64b, Mor64, Mos72, Mos89, Mül90, Nad15].

Functions

[NS09, NKY08, Nas74, Nav83, NDT69, ND70, Obe64, OTY91, OMS09, Olv64, Olv67, Olv74, OLBC10, PS05, Pie84c, PP12, Pri75, R. 43, Rai60, Rap94, RS81, RL80, Ric73, Ric68, Rot70b, Rot71, Rum01, Sal92, Sal51b, SS94, SS99a, oKSAG79, She76, SF59, SC01, Sid95, Sla64, Sle64, Sle65, Sle78, Smi11, Sol69, Soo73a, Soo73b, Soo73d, Soo73c, Sou64, SO87, Spi61, Spo94, Sri70, SA57, Ste64a, Ste64b, SZ70, SZ74, SZ76, ST99, SG72, SDP11, Szm13, TS69, TTW79, Tal68, Tan90a, Tan90c, Tan91b, Tem79, Tem92, Tha79, Tho13, TS76, VB04, VVA09, Ver67, Völ83, Vos73, Wan74, WG89, Whi63, Wig67, Wil96, Wim68, WR71, ZS64, Ziv91, Zuc64, von80, von84, Abr45, ACG⁺⁸⁷, AO08, Air37, Alh00a, Alz97a, Amo74, And98, Ano93, Ano98]. **functions**
[Ano14, AM78b, AM79, AM84a, AM84c, AM84b, Arm82, Ars81, Ars68, Ask75, BDGP13, BDGP14, BC09, BBC⁺¹⁴, BKM94, Bak73, Bak75a, Ban01, BDM81, BDG⁺⁸⁴, Bar72, BFSG74, Bar81, Bar82b, Bar82a, Bar84a, BFSG84, Bar84b, BW10, BBD03, BB82, Bel68, BS84, Bel04, Ben98, Ber84, BG84, Ber01, Bla74, BEJ78, BL71, Bor88, Bow58, BCD⁺⁰², BD02, BPD81, Bro89b, Bro89a, Bro90, Büh92, Büh03, Bul65a, Bul65b, Bul69b, Bun09, Bus74, BIS01, BK16, Cai11, Cam79, Cam81, Cam84a, CL11, Car69, Car90, Car82, CKT07, Cha82, CQSP04, Che71, Che81, CKL89, CB12, CE15, CP15, Che15b, CA00, CH78, Cle54, Cob69, Coc65, CDS00, Coh12, CCV11, CJR91, CJR92a, CJR92b, CDJ⁺⁰¹, Cri89, Dam94, Dan77, Das94, DMS95, DCL⁺⁹², DMMM95, DAV12b, DT09].
functions
[DF84, Di 86, Die80, DKK80, Dom03, DM08, Dri91d, Dri91a, Dri91b, Dri91c, DIW00, DHM89, DK77, DF78, DZKK77, El 06, EC79, EC13, FLO04, FLMR00, Fei78, FS92, FMC82, Fer86, Fer07, Fog51, FO93, FKY86, Fuk09a, Fuk09b, Fuk13a, Fuk13b, Gab79, Gal86, GAZK03, GI01, Gau64a, Gau69b, Gau77a, Gau02, GHT03, GG08, Gau11, GS82a, GEK04, GRS87, GF97, GST02b, GST02c, GST02a, GST04a, GST06a, GST06b, GST07a, GST14b, GST15b, GL83, GM84, Gla74, Gon52a, Gon52b, GS14, GM88, GK89b, HTHR94, Hai60, Har08, HB75, HHv⁺⁷³, HBF09, Her69, Her71, Hig77, Hit75, Hoc61, HvdR63, HUY07, HR88, HL13, Hum85, Ism77, IK05, JJW86, Jam16, JL12, Joh16, Jür66, Kal04, KWY07a, KWY07b, Kan96, Kas80, KV03, Kog60, Köl69a, Köl69b].
functions [Köl69c, Kon76, Kor02, KS88, Krä88, Kra14, KRVZ98, Kra85a, Kra85b, Kui52, Kul07, KB86, KI16, Kyr74, Kza92, LP61, LP62, Lan80, LR74, Laz85, Leb72, LM00, LM07, Lew85, Lew87, Lin57, LK73, Liu93, LČJ63, Loe01, LM08, vdD88, LO94, LS95, Lut95, LP83, Mac68, MS67, Mac96, MO49, MOS66, MMV81, Mak65, Mak80, MT72, Mar81, Mar90, Mar00, Mar88, Mas83, Mat93, MH08, MP79, Max91, MMM93, McN73, Mer94, MY91, Mil89, Mil68, MKS83, MC04, MCM90, MS87, MV98, Mos69, Mul85a, Mul85b, Mul86, Mul97, Nag68, Nag01, NR15, Neh07, Nes84, New84, Ng68, NU88, Nis84, Nis94, NT84, Nør50, Nør55, O'B80, OWS⁺¹⁴, OGWY94, OG82, Olv80, Paw11, Pea09, Peš3, PS77, PS78, PS79, Pie84b, PA86, PKP74].
functions [PS93, Pro87, Pro88, RdC93, RKZ⁺¹⁴, RL76, Ric92, Ric88, Ris79, Rit25, RX07, Rus88, RDK98, KR86, Saa91, Saf10, Sai89, Sal76b, Sau93,

Sca71, Sch76a, Sch77a, Sch78c, Sch80, SS93a, SS93b, SGA81, Sea84, SdCR97, SG98, SG99, Seg08, Sen67, Shi93, Sho60, Sim64, Sla60, Sla66, SP61, SS65, SS10, SS87, Smi89, Smi01, Sne56, Sne61, Sne80, Spe72, Squ91a, Squ91b, Squ91c, SO89, SJ01, SZW11, SJ12, Sun88, TTW84, TR84, Tem75b, Tem78, Tem83b, Tem96, Tem07, Ter79, Ter81a, Tes69, TB86, TB87, Tho97b, Tho97a, Tho04, Tim87, Tre80, TW80, Tur72, Ubh89, VC06a, Var95, Vep08, Vil88, VK95, VM87, Vla02, VRS⁺95, Wal84, Wal71, War60, WS84, Wen07, Wen09, Wil12, Wil71, WBR82, Wim82, WG94a, WG95]. **functions**
 [XLX⁺83, XL94, XC15, Yos97, YM03, ZA11, Zal89, ZSA86, ZJ96, Zha96, Zie89, Zwi87, de 77, dDM06, dDIS13, dT93, vdLT84, Her82, Loz03, Tha62b, Sne63, Uni49, Köl87, VRS⁺99]. **Fundamentals** [AGA⁺80]. **Funktionen**
 [Fil66, Rot71, Sne63, Völ83, Emd40, Emd45, Emd48, Emd59]. **funktssii**
 [PS93, LČJ63, PS93]. **funktsoonid** [Jür66]. **funktsoonide** [Jür66].
funktssi [LP83, Bar72, PS93]. **funktssi**. [DZKK77]. **funktssiis** [Saa91].
FUNPACK [Cod75]. **Further** [GAZK03, JJW86, Laf84, Luk70]. **Fused**
 [BDL09]. **future** [BIS01]. **Fuzzy** [AEF92, DP92].

G [Köl87]. **G5** [Bre74]. **Gal** [SZ05]. **Galatasaray** [HUY07]. **Gamma**
 [Alz08, BB15, Bar61, BY07, BI86, CP98, CH67, Dav64, Din58, Ful72, GB68, Gau79a, Gau79b, Gau99, GST12a, GRAST16, God01, GM04, Kol70, Köl72c, Kol72b, Köl87, Kuk72a, Kuk72b, Laf84, Lan64, LDP93, LT71, Mac89, Mat04, Ng75, PH66, Pug04, Raf70, ST07, Sch78b, SG02b, SF59, Spi71, Spo94, Sri07, Tak66, Tem92, WC61, Whi63, Wis48, Wre68, Wre73, Alz93, Alz97a, Alz97b, BZ92, Cha80, CB12, Che13b, CE15, CP15, Che15a, Che15b, Che16, Dav59, DF84, FW13, Fis73, FW80, Fra81, FW84, GA08, GHT03, GST15b, Har08, JJW86, Jam16, Ker83, Köl84, LSM15, LM15, LSM16, Mar77, Mar86, Mor14, MS15, Phi79, Sch88a, Smi01, Tem75b, Ter79, TW80, VC06b, Wri84, YC15, vdLT84, AWH13b, Bra64, CS11, CC64, Har97a, Tho13]. **gamma-ray** [Phi79].
GammaCHI [GST15b]. **Gappa** [dDLM11]. **Gate** [LE95, LE93]. **Gatteschi** [GG08]. **Gauss** [Fer07, FLS06, Fet65, Gau02, Gau16, HT13, HJ67b, KWY07a, Kza99, KP03, Nad15, ZZ11]. **Gaussian**
 [Akr85, BS00, Bre74, Kza92, Ter81a, Wen01]. **Gautschi** [Ker83]. **GCD**
 [Sor94, WTM05]. **gems** [mH12]. **genauer** [von84]. **Genauigkeit**
 [Rot71, von80]. **General** [Bre82a, Kog89, Mil57, Mos72, von80, BD85, Bre80b, Fdi97, Fuk83, FI94, Fuk11, Gon52b, Gus78b, HR07, Mid75, SZ77, Wen01].
Generalised [Bar74, Ver67]. **generalization** [Dij77, Paw11, Rac82].
Generalized [AS54, Bar10a, Bar10b, Büh92, BS98, Bur64, Car70a, Che70, CLOT86, DJ62a, Fie65, Gom89, Håv79, HP62, LC87, Mil85, Min70, Ovt03, Sla66, Sle64, Sri70, WD61, BS11, BK16, CLM88, CH78, DCL⁺92, Fuk14, Fuk15c, GAZK03, GS82a, GS14, Håv81, Har08, HB75, Jon70, KWY07b, KCYL06, Lav86, MS16, Mat93, Mus87, Nag04, PBN93, Sko05, Vla02, Wil12].
Generated [AK09]. **Generating**
 [DCL⁺92, Kyr74, Len76, LC87, Wil70, FW84, Mar77, Olv80, Wri84].
Generation [Ahm89, BH65, Bin68, JJ65, Kog60, Kog66, LA85, SM78, SA57,

Wal80, KI16, Mat90b, OY91, XLX⁺⁸³]. **generator** [AM78a, Bak76, Bre74, War75]. **generators** [AHM⁺98]. **Generic** [Dri89, Tan88, Tan90b, Dri91a, Dri91b, Dri91c, Squ91a, Squ91b, Squ91c, Tan91a]. **genetic** [Tan87]. **Geometric** [Bar10b, BB84, Sal76a, Her82, MH72, Sal89]. **Geometrical** [Yon70]. **geometry** [HUY07, Sti88]. **German** [Alb62, Bra65, Emd40, Emd45, Emd48, Emd59, Hol69, Sch68, Sne63]. **Germany** [SO11]. **GEV** [Gom89]. **GIZ** [GST02c]. **Gleichungssystemen** [Bra65]. **Gleitpunktstratern** [Bra87]. **global** [HR07]. **Glow** [Che70, Squ70]. **GMP** [BMZ06, Zim00]. **GNOME** [SG99]. **Golden** [Hin77]. **Goldschmidt** [EIM⁺00]. **Gompertz** [Sto41]. **Good** [Gal85, Gal86, Mat90a]. **Gopengauz** [CG89]. **Gopengauz-type** [CG89]. **Gordan** [Buj75, Gun65a, SM77, SM78]. **Gordon** [Paw11]. **GPU** [mH12]. **gradient** [Mit92]. **graduate** [BW10]. **Graph** [NS09]. **Graph-Based** [NS09]. **Graphics** [NKY08]. **Graphs** [AS64, JMMW79]. **Greece** [SC01, VDR05]. **Green** [JS89, MKS83]. **Grenoble** [Bor02, KM91]. **grid** [Joh83]. **Group** [AKS01, ???90, Koo91, Tal68, WS84, Vil88]. **Grouping** [LA85]. **groups** [CK88, Var95, VK95, Die80]. **Grove** [Sin95]. **Growth** [QVV98, Bos89]. **guaranteed** [Loe01]. **Guide** [AWH13c, BA44, Tho97a]. **guidebook** [Tho97b]. **Gumbel** [Gom89].

H [T.57]. **Half** [DJ67, Gau16, Kah04, Lir71, Di 86, Fuk10, Fuk15b, Gau94, KWY07a, NR15, SG98]. **half-century** [Gau94]. **Half-Integer** [DJ67, Di 86, SG98]. **half-integral** [NR15]. **Half-Range** [Gau16]. **half/integer** [KWy07a]. **Halley** [LLK14]. **Hamiltonian** [Fei78]. **Handbook** [AS64, BL02, CPV⁺08, Fet81b, Köl97, Loz97b, LCY65, OLBC10, Bak92b, Mat93]. **Handheld** [NKY08, GP84]. **Handling** [HFT94]. **Hankel** [Coc65, CH70a, CS82, CS83, DK90, Fet63, FW85, Glo89, JL12, Mac72, Wie99]. **Hankel-norm** [Glo89]. **Hardware** [Fow93, Mar72, SS94, SF93a, SF96, SDP11, Tak01, WG91, WG94b, BKM94, Kan96, LGML05, Mul86, OY91, Sg92, SS93b, Tay81]. **Hardware-Based** [WG94b, WG91]. **hardware-oriented** [OY91]. **Hardwired** [DM88c, LC87]. **Harmonic** [BD14, Ele15, MS67]. **Harmonics** [Bra73, MS67]. **Hausdorff** [Gre82]. **Having** [Bra65, Bos89]. **Hawaii** [MS94, Spr00, Spr00]. **hazard** [Ruy89]. **heat** [CMV69]. **Held** [Mul82, AGA⁺80, HUY07, IP87, Mar85, MC87, Ric92, SKL93, Tra76, Ull90]. **Help** [Car74]. **hereditary** [Roc82]. **Hermite** [Bun09, Gau16]. **Hidden** [Car70b]. **hierarchies** [Her71]. **hierarchy** [Her69, Hom98b]. **hierarchy-consistent** [Hom98b]. **High** [Ahr96, AFC10, BY07, BTDS11, CCCP99, CG85b, CP99, CL94b, DPC95, Far81, Fer86, FW80, Fra81, Gal85, GB68, JSH⁺11, Joh14, KK96, KM93, KM97, LM95, LMT⁺92, Maj85, MMW91, PEB02, PB02, POMB05, RGK72, Sal51b, SW99b, Sch93a, Sch93b, Sei99, SF59, SC71, SA57, SG72, WMDM92, XLX⁺⁸³, ZG87, ALB98, Bar84b, BM80, CCC96, Fan89, Gab79, Gal86, Gau11, Joh15, KO94, LM99, MM92, PBE03, RdC93, Sch80, SF93b, Bra87, Mül90].

High-Accuracy [Bra87, Mül90]. **high-order** [Sch93a, Sch93b].
High-Performance [BTDS11, MM92]. **High-Precision** [Ahr96, BY07, KM97, Fer86, FW80, Fra81, XLX⁺83, BM80, Gau11, Joh15].
High-Radix [CL94b, PEB02, Sch93a, Sch93b, PBE03, SF93b]. **High-Speed** [JSH⁺11, Maj85, PB02, POMB05, RGK72, SW99b, ZG87, Sei99, Fan89].
High-Throughput [AFC10]. **Higher** [CM90, GM88, LM92, Ars81, BL71, Car69, MC89, Ng68, XC15].
higher-order [XC15]. **Highly** [Lut95, Mat90b]. **Hilfe** [Fil66]. **historical** [Dav59]. **History** [Ful99, Dut84, Wen09]. **Hitachi** [WOG95]. **HIZ** [GST02c].
Hochgenaue [Bra87, Mül90]. **HOL** [AAHTH10]. **Holdred** [Ful99]. **Holiday** [IEE85]. **Hong** [DIW00]. **honneur** [AEF92]. **honor** [AEF92]. **Horner** [Ful99]. **Howland** [LW82]. **HP** [LMOT01]. **HP-UX** [LMOT01]. **HURRY** [FFS83]. **Hurwitz** [BB15, BS06, Joh15, Vep08]. **Hvordan** [Ped80].
Hypergeometric [Sla64]. **Hyatt** [IEE89c]. **Hybrid** [SR14, CP99]. **Hydra** [Rot70b]. **HYP** [Kra95]. **Hyperbolic** [Fri72, SM70, Tha61, Zuc64, HTHR94].
hypercube [Tan87]. **HYPERDIRE** [BK16]. **Hyperelliptic** [DR94a, DR94b]. **Hypergeometric** [AS95, AVV92, AS54, BS98, Bus76, Cah54, Car70a, FW61, Fie65, Gas81, GS82b, GKS04, GN89, Kim72, Kop74, Luk59, LC61, Mil57, Min70, Nad15, Ng77, Nør50, Nør55, Obe64, Olv91, Rel63a, Sri70, Tha62b, Ver67, Wim68, Yos97, AS03, AG08, BS00, BS06, Buc69, Büh87, Büh92, Büh03, BK16, CR08, CQSP04, CGKZ05a, CGKZ05b, CCV11, DT09, Dut84, Fer07, FLS06, For97, GAZK03, Gau02, GST07b, GS14, HUY07, HL13, Joh16, Jon70, Kal04, KWY07a, KWY07b, Kra95, Kyr74, Lav86, Lew85, Lew87, LP95, Lew44, Mul01, Nag01, Nag04, OSS09, Pas95, Pea09, PBN93, Rel63c, Seg08, Sko04, Sko05, Sla60, Sla66, SZW11, Tem78, Tem83a, TC01, Uni49, Var95, Ver77, Wen01, Wil12, Zei91, ZZ11, BK16, Rel63b, Ric92]. **Hypersingular** [Sam02].
hypersurfaces [Sti88]. **Hypervirial** [FMC82]. **HYPQ** [Kra95].

i860 [Sin96]. **IA** [ASA06, HKST99, Mar00, ST99]. **IA-32** [ASA06]. **IA-64** [HKST99, Mar00, ST99]. **IBESS** [ADW77a, ADW77b, Amo78]. **ibid** [Sha76].
IBM [ACG⁺87, ACG⁺86, ACG⁺87, Fik66, Mar90, ZOHR01]. **ICCD** [IEE89c]. **ICEEC'04** [Wah04]. **identification** [Roc82]. **identities** [Zei91].
Identity [Gla71, Wri73, EC79, GMMIDM13, Mim88]. **IEEE** [BCDH09, BC01, IEE05, IEE13, IEE15, KM07, SO11, VDR05, AHM⁺98, AAHTH10, BT99, CH98, DR04, GB91, Hou81, IEE85, IEE89c, IEE99, Int03b, Kah80, KK99, KM91, LMT97, LSZ08, LD89, Rus98, Tan89a, Tan90d, Tan92, T⁺97].
IEEE-754 [AHM⁺98, AAHTH10, BT99, DR04]. **IFIP** [Boi97, Lav80]. **II** [BL91, Ben83, Bul65b, CG89, CKT07, Cuy94, Dun87b, Eck77, EMR82b, LP61, Luk71b, Mil65, Ovt03, Pro87, RL76, Sch68, Sne63, SZ74, VB81]. **III** [Bul69b, Din58, Dun88, LP62, Luk72, SZ76]. **IIPBF** [RKZ⁺14]. **Illinois** [Cow77, Hwa85]. **illustrated** [Tho97b, Tho97a]. **IMA** [IP87, MC87]. **IMA / SIAM** [IP87]. **image** [JL94]. **Imaginary** [Bar61, GST02d, BF92, BST13, Cob69, GST04a, GST04b, VC06b].

immiscible [YH89]. **Implementation** [AAHTH10, AFC10, BV85, CVW06, DMS95, DHL⁺04, EL89a, GBKK09, IM99a, Joh87a, KNS95, LA01, LC97a, LE95, Nav83, PP12, SL97, SDP11, Tak00, Tan88, Tan89a, Tan90d, Tan92, dDLM11, von80, DR04, Has00b, Joh87b, LKKH99, LO95, LE93, MC89, Mul97, Neh07, Obe99, Tom00, VT11, ZXZH01].

Implementation-Oriented [PP12]. **Implementations**

[SL95, Tan90c, CL00, EL94, Kul07, LC96, LC97b, Luk99, SL97, Zim00].

Implementierung [von80]. **Implementing** [HFT94, Tho87, Che71].

Improved [HCK09, Jab13, KCYL06, Nin70, Olv91, ST99, Di 86, GST12b, Lu14, Mid75, ZLC04]. **Improvement** [Mec68, OGWY94, LLK14].

Improving [Chl11, EIM⁺00, Lev73]. **incident** [Ehr89]. **including** [HTHR94]. **Inclusion** [Cri82]. **Incomplete** [Bar61, BL94, CN81, CP98, DH59, DJ67, DM88a, DM92, Ehr61, FL67, Ful72, Gau79a, Gau79b, Gau99, GST12a, GRAST16, Goa95, GM04, Har08, Hil77, Kol70, Kol72b, LW63a, LW63b, LDP93, Mat04, OM68, PSB76, Sch78b, Tak66, Tem92, Tho13, Van69, Whi63, Wis48, Alz97b, BB15, Bul69a, DK90, Fis73, FI94, Fuk09b, Fuk10, Fuk13b, GHT03, HF09, JJW86, Jam16, Mar86, SS10, Tem75b, Ter79, Ter81b, TW80, VC06b, BB74, Gau64a, Gau64b, Jef62, Lud63, Mey63, PH67, vdR63].

Incorporated [PW76]. **increasing** [Wan82]. **incrementation** [DD76].

Indefinite [CK89]. **Independent** [Fra65b, VCV01]. **Index** [Ano68]. **India** [Ban01]. **Indian** [BB12, Plo01]. **Industry** [BBM84]. **Inequalities** [AVV90, AVV92, Bus76, BI86, CP15, Che15a, Che15b, Laf84, Nas74, QVV98, Alz93, Alz97a, Alz97b, Alz08, CB12, CM13a, Che16, CT88, Ker83, Liu93, QM15, RT89, Whi82]. **inequality** [Rac82, Zal89]. **Infinite** [Lir71, Sch88b, BC79, Cro92, LS95, RKZ⁺14, VC06a]. **Infinitely** [IM99b].

Information [Lav80, CT88, Ste08, Was89]. **Initial**

[Cas83, ITY95, EL89c, EL90, ITY97, SS98, Spi85]. **Initiative** [Loz00]. **Inn** [IEE85]. **inner** [AB88]. **input** [Wen01]. **insertion** [OJ04]. **institutions** [BL71]. **Instruction** [PW76]. **Instructions** [GBKK09, IM99a]. **Integer** [Alh00b, BO93, Cat85, Cat86, Cre98, DJ67, Has90, Hei96, JF16, ND70, OLHA95, Olv64, Rol87, Soo73a, Soo73b, Alh00a, AM78b, AM79, AM84a, AM84b, Di 86, FNC75, Fuk15b, GLM15, Hig93, KWY07a, KWY07b, Lyo91, Pro83, Sca71, SG98, WTM05, dT93]. **integers** [QW06]. **Integrable** [PS93]. **Integral** [Ano93, Car75, Che70, Chr65, CT69, CP79, Cor61, Cun62b, Cun62c, Dre78, Fet67, Fra65a, Fri72, GC64, Gau16, GW71, Gla71, Gla79, Goa95, HP67, HJ67a, HJ67b, Ism77, Mec68, MR65, Mer62, NF63, Ng70, Olv91, Pac70, PS11, Raf70, Red70, Rei69, RL80, Sch78a, Sko78, Smi11, Squ70, SZ74, WR63, Wri73, eL76, Act74, Bea60, BB82, Ber68, Boy15, CG85a, CS11, CT68, Dav59, Dij77, DK90, Fet81a, FKY86, Fuk10, Fuk11, Fuk15d, Fuk15b, Fuk15c, GHT03, GMMIDM13, Her61a, Her61b, Kuz15, Lar66, Max91, McC74, Mid75, NR15, OW68, RT61, RKZ⁺14, Tem86, Tha63c, Tha63b, HP85, Hol70].

Integrals

[AVV90, AVV92, Boe61, Car77a, CN81, Car87, Car88, Car89, Car92, CG94, Car99, CR68, Cod65a, Cod65b, Cod66, Cun62a, Cur64, DH59, Din58, DR94a,

DR94b, Ehr61, FL67, Fet65, FC64, Fle68, Fuk15a, Gau61, Gau64c, Gau73, Gau77b, Gla66, Gra63a, KKI67, Köl87, Lan60, LW63a, LW63b, Lew69, LDP93, Lin72, Lóp00, LG64, Luk64, Luk68, Luk70, MT64a, NC66, QV96, QVV98, Ric73, ST07, Sch64, Sid95, SZ76, Tho65, Tho66, Van69, WKG66, Woo67, ZC70, Act74, And00, BC79, BO75, BZ92, BS11, Bul65a, Bul65b, Bul69a, Bul69b, Car79, Car91, Car95, CLM88, Chr62, CT67a, CT67b, Deh89, Far69, FMC82, Fet81b, FI94, Fuk09a, Fuk09b, Fuk12, Fuk13b, Fuk14, Gab79, GP64, Gau11, Gla74, Gra63b, Gra64, Gra02, Har00, HvdR63]. **integrals** [Jef62, Köl97, Lan80, Las82, LW82, LK73, LS95, Mac72, Mak65, Mey63, Mim88, MH72, Mor78, Mor99, Ném65, Pie82, Pie84a, Puo88, Saf10, Sai89, Sam02, Sch88a, SZ77, SJ12, Tem83b, Ter81a, Tha63a, VC06a, vdR63, vdLT84]. **integrated** [DM88b]. **Integration** [Bro90, Car99, Cas83, CK89, Dav88, LO93, Pro88, Bro89b, EM86, Mos69, Pro87, Ter79]. **Integriruemye** [PS93]. **Integro** [Mil85]. **Integro-Exponential** [Mil85]. **Intel** [ASA06, CHI⁺03]. **Intelligence** [AGL93]. **interact** [Wen09]. **Interactions** [BJG⁺99]. **Intercalation** [Wyn72]. **Interest** [Koo91]. **interference** [Dem89]. **Interior** [Meg89b, KMY89]. **Interior-Point** [Meg89b]. **Interlacing** [Seg08]. **internals** [SF93b]. **International** [ACM89, AGL93, Ano91, Bor02, BCEP94, Bro07, IEE89c, IL07, Lak96, MS94, SE11, SC01, Spr00, T⁺97, VDR05, Wah04, ACM87, DIW00, RDK98]. **Interpolation** [Bre82a, VB04, WEX14, BSW95, Blo88, FK88, GRS87, Håv81, RT89]. **Interpolator** [POMB05]. **interpretations** [Yos97]. **Interval** [BSY82, DLM09, Krä87, Rot70a, Yoh73, Ge89, Kai89, Krä88, Mar81, dDM06]. **Intervallargumente** [Krä87]. **Intervalle** [Bra87]. **Intervals** [Bra87, KP75, EMR82b, Shi93]. **INTLIB** [KDDH92, KDDH94]. **Intrinsic** [BJG⁺99, BD99, BJG⁺00, Mil89]. **Introduction** [Bow58, Dri91d, PP12, SG02b, MC04, NU88, Tem96, Ars62]. **Inverse** [Car63, ELMT00, Gil16, Hom96a, Krä87, Krä88, KNS95, LaF54, Mar05, MS68, PB02, SW99b, Sol69, Str68, Tha61, Ano12, BEJ76, Boy15, DAV12a, Dom03, Fet74, Fuk15d, HTHR94, Kre89, MZM94, Sho86, Krä87]. **Inverse-Square-Root** [KNS95]. **Inverses** [Sal51b, Sch84, Rit25]. **Inversion** [GST12a, Tem92, GST15b]. **Investigation** [Mak65]. **inviscid** [Joh83]. **Involving** [BFHT85, Gla66, Lew69, Ric68, Sri70, UE05, WR71, BB82, DT09, FMC82, FO93, Gab79, GMMIDM13, LW82, LK73, LS95, Ng68, PS77, PS79, XC15]. **Inzell** [zCFF05]. **Irish** [Mil75]. **Irregular** [SG72, Wen01, Bar81, Nes84]. **isn't** [Wil96]. **ISSAC** [ACM89, Lak96, SE11]. **issue** [T.57]. **issues** [BH01]. **Istanbul** [HUY07]. **Italia** [RS98]. **Italian** [RS98]. **Italy** [AGL93, CDS00, RS98]. **Itanium** [CHI⁺03, Int03a, Int03b, LMOT01, Mar03]. **Iterated** [Amo73, Tha61, Deh89, GLM15]. **Iteration** [Alb62, Bra65, CL11, LC87, Nin70, WS05b, Che71, DD76, Epp89, MC93, MC95, Tuk48]. **Iterations** [Gar75, HHR00, SS98]. **Iterationsbeschleunigung** [Bra65]. **Iterationsfolge** [Alb62]. **Iterationsfolgen** [Bra65]. **Iterative**

[CH98, Hom96a, Joh89, KNS95, Plo96, RGK72, Eve63, GA08, Hom98b, ITY96, Jam89, KK96, Kru99, ZXBZH01]. **IV** [Dun94a, Dun94b, Sle64]. **IX** [Luk99]. **izbytochnykh** [LP83].

J [ACG⁺87, Fet81a]. **Jack** [Ric92]. **Jackson** [CK88]. **Jacobi** [DCL⁺92, HT13, HvdR63, Mey01, Paw11, Sko75, Spe72, Wit68]. **Jacobi-elliptic** [DCL⁺92]. **Jacobi-fractions** [Spe72]. **Jacobian** [Fuk09a, Fuk09b, Fuk13a, Lan80, MT64b, Sal89, Sch76a, Sch77a]. **January** [Mul82, Spr00]. **Japan** [Ano91, Lav80]. **Japanese** [OGWY94]. **Java** [Lau04]. **JBESS** [ADW77a, ADW77b, Amo78]. **Jersey** [AFI71]. **Jim** [Bli97]. **Jodhpur** [Ban01]. **Joint** [AFI69, AFI71, AGL93, IP87]. **Jose** [SE11]. **journées** [AEF92]. **July** [Ano06, Boi97, Bro07, IL07, KM95, Lak96, LMT97, Luk99, Mar85, MC87, SO11, SIJ93, T⁺97, VDR05]. **June** [AGA⁺80, BCDH09, BC01, Cow77, DIW00, HUY07, Hwa85, IEE05, IEE15, KM91, KM07, SE11, SIJ93].

K5 [LASC95, Rus99]. **K6** [IM99a]. **K6-2** [IM99a]. **K7** [Rus98]. **K7TM** [Obe99]. **Kōriyama** [SO89]. **Karatsuba** [Zim99]. **Kaufman** [AEF92]. **Kaufmann** [AEF92]. **Kelvin** [Bur63]. **kernel**s [Mus87]. **Key** [AFC10]. **Kind** [Bar10a, Boe61, Car77a, Car87, Car88, CMF77, Cod83, DH59, Fet65, Fra65a, GST02d, Jab94, Mec66, PS05, Tem75a, ZC70, BZ92, Boy15, Bul69a, Cob69, Fet81a, Fuk10, Fuk11, Gla74, Her61a, Her61b, HvdR63, Lar66, Mid75, Sca71, SG99, Tem76, Tha63c, WC90, YM97, YM03, Bra70]. **Kinds** [FL67, LW63a, LW63b, Van69, Mor99]. **Kingdom** [Boi97, IEE89a]. **kink** [Paw11]. **Klein** [Bar84b]. **known** [BMR04]. **Koeffizienten** [Bra65]. **Kolmogorov** [Pom76, Pom74]. **Komlos** [Ein89]. **Kompleksmuutuja** [Jür66]. **komplexe** [Bra87, Krä87]. **Kong** [DIW00]. **konvergenzbeschleunigenden** [Sch68]. **Konvergenzbeschleunigung** [Alb62]. **Konvergenzverbesserung** [Hom96b]. **Kryachko** [Har01]. **Kummer** [Gau77a, GST15a]. **Kuramoto** [AGH89]. **Kutta** [Cas83]. **kvadratrodren** [Ped80].

Laan [Köl87]. **Lab** [Fet81a]. **Lagrange** [Blo88]. **Laguerre** [Air37, GST17, GM84, Kza99]. **Lambert** [Gau11, MS16, Veb12]. **Lanczos** [BCEP94, God01, Pug04]. **land** [Ars81]. **language** [Che81]. **Laplace** [Gus85]. **Large** [Bin68, Cur64, GT58, HJ67b, Won73, FLS06, Mas83, O'B80, RX07]. **Larger** [Gau65, Jan77, de 77]. **Last** [Ziv91]. **Latency** [ALMN05, SR14]. **Lattice** [SLZ05, Har77]. **Lauricella** [BK16]. **law** [Deh89]. **layer** [Bel89]. **layout** [SR81]. **Leaky** [Har97b, Har98, Har01, Har08, PHH08]. **learning** [BL71, Lit89]. **Least** [Sto41, Rei86]. **Lebesgue** [Blo88, Bos89]. **lecture** [HUY07]. **Lectures** [Tal68, zCFF05]. **Legendre** [Jan77, Bra73, Cob69, Gau65, HT13, Lew69, SOL81, Ste64a]. **lemniscatic** [Eck77]. **Length** [SH72, HHv⁺73, Hon71, von84]. **Leonhard** [Dav59]. **Lerch** [GS88]. **Less** [Bak92a]. **Letter** [Cat86, Fik67, Kin65, Swa65]. **Letters**

[Rah01]. **Leuven** [KV03]. **Libm** [Ano14, LMOT01, dDEG05]. **Libraries** [IEE99, MMNP91, Kuk71]. **Library** [AK09, DLM09, GB91, KDDH92, KDDH94, Kuk66, LMS99, Loz03, McC02, PW76, Sch76b, Sch77b, Sch88b, TGC89, Tho87, ZOHR01, Ano14, KA71, Lau95, Lau04, LMOT01, Mar03, Neh07, Wil96]. **Lie** [Die80, CK88, Mil68, Var95, VK95]. **Like** [Köl87, Ngu98, vdLT84]. **likelihood** [Gom89, vR89]. **Limit** [Hin77, JW88, Lem88, LW89, RX07]. **limited** [EM03, LP62]. **Limits** [CM13a, Gon52b]. **Line** [Erc78, OE82, DHM89, Frö63a, PBE03]. **Linear** [DGS65, Jam81, KP75, LB90, Ng77, Olv67, Olv88, SF79, YH89, Ano67, BDGB83, CG89, Die80, Ge89, Gon89, Joh88, KMY89, Lev73, Lev91a, Lit89, Meg89a, PS05, Via89, Was89, vR89]. **linear-threshold** [Lit89]. **Linearized** [HBS00, Ehr89]. **lines** [BF92]. **link** [Wil96]. **Linux** [IBM05]. **Lipschitz** [DK90, Som82]. **LNS** [DMS95]. **local** [Kee82]. **locally** [Vai89]. **Log** [OTY91, BS11, Har97a]. **Log-Depth** [OTY91]. **log-Gamma** [Har97a]. **log-sine** [BS11]. **Logarithm** [AS10, CH67, CVV65, Has66, Kah04, Kar84, Köl72c, Lin09, LA85, LC87, Mac89, PEB04, SK71, Tan90a, Tan90d, AM12, Che71, Deh89, Epp89, Köl84, Per85a, PEB02, PH66]. **Logarithmic** [CET62, CLOT86, KP69, SF79, CS83, GEK04, Lit89, Sed90, Sko04, Fog51, Zuc64]. **Logarithmically** [Osa90, DGB82, Hom99]. **Logarithms** [Che72, Mar72, Car72]. **Logic** [Cow64, LA85, Sch73]. **Lommel** [Boe62, FS92]. **Lookahead** [KNS95]. **Lookup** [SS97b, Tan91b, Par99]. **loop** [Dam94, Mim88]. **LORIA** [Ano06]. **loss** [DAV12a, DAV12b]. **Lost** [Car74]. **Lösung** [Die83]. **love** [Yos97]. **Low** [AH10, ALMN05, Car75, HFS99, NL99, RHMLL08, SR14, KP98, MI97]. **Low-Complexity** [RHMLL08]. **Low-Order** [Car75]. **Low-power** [NL99, KP98]. **Lower** [Tro84, Bel89]. **lower-bounds-to-circuit-size** [Bel89]. **LSFBTR** [Tal83, Tal84]. **LSI** [Atk79]. **Lubbock** [IEE85]. **Luigi** [GG08]. **Lyon** [Ano03].

M [Fet81b, Köl87]. **M.** [Köl97]. **Macdonald** [FLR03]. **Machine** [Lan42, Sch76b, Bar81, Bel89, GB90]. **Machinery** [Cah54]. **Machines** [Gus86, Lin57, Rot70a]. **Macrocell** [BH07, AHM⁺98]. **MAD** [BBC⁺91]. **Madelung** [CB87]. **Madison** [Ask75]. **Magnus** [Coh12, Szm13, Wig67]. **major** [SL97, Ein89]. **Make** [Wil96]. **man** [Ped80]. **manifold** [AGH89]. **manipulation** [Kra95]. **Manipulative** [Sun71]. **Mantissa** [von84]. **Mantissenlänge** [von84]. **Manual** [CW80, Ful81b, Ful81a]. **Many** [Sle64]. **Maple** [Zei91]. **March** [Ask75, Ban01, IEE85, Koo91, Men06, MT85, MT86, Ric92, SKL93]. **Marcum** [GST14a]. **Markov** [Rac82, Whi82]. **Martingale** [RT89]. **Maryland** [IEE99]. **Mascheroni** [CM13a, Chl11]. **Massachusetts** [ACM87, IEE89c, IEE05]. **massively** [BBC⁺91]. **massively-parallel** [BBC⁺91]. **Matematicheskianaliz** [LČJ63]. **matematičeskii** [PS93]. **Math** [ASA06, Fra81, Joh87b, Kuk66, Lew87, MMNP91, McC02, Per87,

Sha76, Wil96]. **Mathematica** [BK16, Kra95, Tho97b, Tho97a].
Mathematica-based [BK16]. **Mathematical** [AS64, And82, AW05, AWH13c, BL02, CHG⁺11, DHL⁺04, Fik68, Ful80, GB91, HBF09, Kuk71, LČJ63, Loz97b, LMS99, Loz03, Luk77, Meg89b, Mos89, Mul82, OLBC10, RW77, Ric71, Szm13, WNO94, Wig67, Ziv91, ZOHR01, Ars68, BBC⁺14, Bak92b, Coh12, Her82, Hoc61, KRVZ98, Kul07, KI16, MO49, MOS66, NU88, PS93, Sne56, Sne61, Sne63, Sne80, Tem96, Tho97b, Tho97a, IBM05, Sne63].
Mathematician [Bat07]. **mathematicians** [Wen09]. **Mathematics** [Ask75, BB12, BDL⁺01, Car77b, FR98, HDG⁺15, Mur88, And98, BL71, Gau94, Joh11, Gau94]. **Mathematische** [Sne63]. **mathematischen** [Sne63].
Mathieu [Alh00b, Alh00a, BC62, Bla64, Cle69, EC13, Fri72, RL80]. **Matlab** [Zen04, RKZ⁺14]. **Matrices** [Leh96, HHR00]. **Matrix** [Ike76, HHR00, Kru99, Ng84]. **Maui** [Spr00]. **maximal** [von84]. **Maximally** [von84]. **Maximum** [KP75, vR89, GLM15, HF95]. **maximum-redundancy** [HF95]. **May** [AFI71, CDS00, IEE81a, IEE81b, IEE99]. **McMillan** [BJ15].
Mean [BB84, Sal76a, MH72, Sal89]. **Means** [Fet65, Fil66, Gus66, Mül90, von80, BS06, CS11, Fer86, Kon76, MMV81, MS87, Saa91, Tes69, Wen10].
Measure [DR94a, DR94b]. **Measurement** [BDL⁺01]. **Measurements** [Lid01, Lid02]. **measures** [Was89]. **Mechanical** [SG02a]. **Mechanically** [Rus98, Rus99]. **mechanics** [Sti88]. **media** [YH89]. **medieval** [Joh11].
Melbourne [Lav80, Men06]. **Melfi** [CDS00]. **Mellon** [Tra76]. **Memoriam** [Dav59]. **Memory** [LJ13, Kog89, Tak00]. **Memory-Efficient** [LJ13]. **mesh** [DR89]. **Method** [Car74, Cow64, Ded26, DJ62b, DJ62a, Esc37, Fle68, Hol69, Joh89, Kal34, KP69, LaF54, Lan42, Lin79a, Lin72, LJ13, Mar05, Osa90, Ovt03, Plo96, Sar59, SF96, SZ05, SS99b, Sto41, Tra60, TS76, Van69, WN09, Wyn72, Yon70, AM12, Bar82b, Bar84a, Bor82, DK82, Dom03, HTHR94, Hai60, HF95, Kon76, LG79, LP95, LP83, Lyo91, Mag94, Mar77, Mat90a, Now06, Ole96, Puo88, RdC93, Rei86, Sch68, SdCR97, SZ77, Sko05, Vai89, VT11, Via89, VB81, ZB95, Zha95, Zha96, Rap94]. **méthodologie** [Mul86].
methodology [Mul86]. **Methods** [AW05, AWH13c, BR73, Bre82b, Cas83, Dub83, Fra65b, FR76, Gau75, HF09, HR07, ITY95, Meg89b, Mos89, Ng75, RGK72, Sid03, SZ70, SZ74, SZ76, Ull90, Vla02, AGS99, Ano98, BDGP13, BDGP14, BL71, Bre75, Bre76b, Bre78b, Bre85, Bre88, BR91, Cuy94, Epp89, Gab79, GST07a, Gus84, HP93, HBF09, KK96, Kru99, LLK14, McC77, Mon83, Mül93, Osa94, Özb06, Pas10, Pas11, PKP74, Pol88, RW77, Roc82, RDK98, Saf10, SS98, Spi85, Wim82, Die83].
metodom [LP83]. **metric** [Som82, ZSA86]. **Mexico** [IEE91]. **MHz** [PZ95].
Michigan [IEE81a, IEE81b]. **Micro** [DSK83, Ber84, Bic81]. **Micro/mini** [DSK83]. **microcode** [Rus99]. **microcomputer** [Mil89]. **Microcomputers** [AMT78, Völ83]. **Microprocessor** [And82, Die83, HAK91, Obe99, Sin96, SL97, Kun81]. **microprogramming** [Hit75]. **Mie** [Len76]. **Mikrorechner** [Völ83]. **Mikrorechnerprozeduren** [Die83]. **Military** [MC87]. **Miller** [LP88, Ter81b]. **Milton** [Dav59]. **mincing** [Bel89]. **mini** [Ber84, DSK83]. **mini-micro** [Ber84]. **Miniaturized**

[Luk71a, Luk71b, Luk72]. **Minimal** [Met65]. **Minimax** [Fra65b, POMB05, Fuk15d, Fuk15b, Pol88, Wan82]. **minimization** [Dan77]. **Minkowski** [Kra89]. **Mirakyan** [Sun88]. **Miscellaneous** [Ste64b]. **MISCFUN** [Mac96]. **Mises** [Deh89, Hil77]. **Mistake** [Lit89]. **mittels** [Mül90, von80]. **Mizan** [IK05]. **mnogochlenami** [DZKK77]. **Mnogochnachnye** [Bar72]. **mod** [Tur94]. **Model** [CHG⁺11, Fra78, Gom89, Wen01]. **modelling** [Sob88]. **models** [Ric88, SC81, vR89]. **modern** [BL71]. **Modification** [Bar76, WS06, Bar84c, ITY97]. **Modified** [BHK09, Bra73, Bur74, Car74, Cod83, Ded26, Ful72, GST02d, Hin77, Lin79a, Mec66, Nas74, Sch78b, Tem75a, TB87, Amo74, Bla74, BO75, DT09, GS78, GST04b, Hei88, Kas80, Las82, LG79, MV98, NR15, Part2, Sca71, SdCR97, Tem86, Wal84, WC90, Fet63, GST04a, Tho04]. **Modular** [DMMM95, BBB89, WTM05, Yos97]. **Module** [Kod11, LD89, Bas01, EL89a, GST12b, MM92]. **Modulo** [ADN03, Tor02, BH99, Per85a]. **Modulus** [CS83, AM89, Fet81a, MH72, Mor78, Mor99]. **Molecular** [LDP93, Saf10]. **Møller** [Hom96b, Hom96b]. **moment** [FW84, Gre82, Wri84]. **Momenta** [TTW79, TTW84]. **Moments** [LL72, FW84]. **Monica** [ES89, IEE78]. **Monotone** [Alb62, Dun94a, Dun94b, FB91, Dun87a, Dun87b, Dun88, SS87, Bra65]. **monotonen** [Alb62]. **Monotonic** [LM08, CE15, CP15, Che15b]. **Monotonicity** [Che16, CB12, Ism77]. **Montana** [BL91]. **Montgomery** [Ngu98]. **Montgomery-Like** [Ngu98]. **Montpellier** [KM07]. **Mordell** [Kuz15]. **most** [LM07]. **motions** [CZ10]. **Moursund** [Fik67]. **MP** [KB90]. **MR** [Fet81b, Fet81a, Fra81, Lew87, Per87, Köl97]. **MTAC** [T.57]. **Much** [Kah87, QW06]. **Multi** [Sch76b, Saf10]. **multi-center** [Saf10]. **Multi-Machine** [Sch76b]. **Multidimensional** [Dem89, Var95]. **multigrid** [BD85, RdL01]. **Multilayer** [HSW89]. **Multiplace** [Bar72]. **Multiple** [Bre75, Bre76a, Bre76b, CM13b, Joh83, Kor11, Smi91, Smi11, Deh89, Smi89, Smi01, Tak00]. **Multiple-grid** [Joh83]. **Multiple-Precision** [Bre76a, CM13b, Kor11, Smi91, Smi11, Bre75, Bre76b, Smi89, Tak00]. **Multiplication** [Alt79, BR73, JJ65, LD89, RGK72, Rus98, WS06, CL95, EL89a, ITY97, McC77, MM91a]. **Multiplication/Division/Square** [LD89]. **multiplications** [GLM15]. **Multiplicative** [Bak75b, SL95, Che71, ITY97]. **multiplicities** [Zen04]. **multiplier** [HFS99, SF93b, WG92]. **Multipliers** [Ahm89, ELMT00, WS05a, WG94b]. **Multiply** [BDL09, ZG87, ITY96, MM92, WMDM92]. **Multiply-Add** [BDL09]. **multiply-additions** [ITY96]. **Multipolar** [Hom98a]. **Multiprecision** [Bai93, BM15, CVW06]. **Multistep** [Ske86a, Ske86b]. **multivariable** [DCL⁺92]. **multivariate** [CKL89, Ein89, Gom89, Rac82, Ter81a, vR89]. **Multiword** [JF16]. **MultRoot** [Zen04]. **Murphy** [Mei83]. **must** [Wil96]. **my** [Yos97].

N [Köl87, Kog58b, Kog58a]. **NAG** [Sch77b]. **Nancy** [Ano06]. **Narrowing** [HJ96]. **National** [Ban01, Mul82, AEF92]. **nationales** [AEF92]. **Natural** [CH67, Epp89, Nag68]. **Navier** [HBS00]. **NBS** [Loz97b]. **Near** [BS98, Fra65b, Ehr89]. **near-field** [Ehr89]. **Near-Minimax** [Fra65b]. **nebst** [Rot70a]. **Need** [BBM84]. **needed** [QW06]. **Needs** [Loz94, Loz96b]. **négatifs** [DGB80]. **Negative** [CP98, GRAST16, Tho13, BS84, NT84, DGB80]. **neighborhood** [Sko04]. **neighbourhood** [Mid75]. **Nemes** [Che15a, LSM15, LM15]. **Nepreryvnye** [PS93]. **Nested** [Dom03]. **Nesting** [BFHT85]. **network** [SR81]. **networks** [HSW89]. **Neuenahr** [MT85, MT86]. **Nevada** [AFI69]. **Neville** [Håv79]. **Newman** [Bor82]. **Newton** [Car74, CHGM99, DK82, KP69, MM91b, Mou67, Nin70, Vai89, WS05b]. **Newton-type** [Vai89]. **Nimes** [AEF92]. **Ninth** [Sin95]. **NIST** [Loz03, OLBC10]. **No** [Fet81a, Laz85, Wil70, ACG⁺87, Chr62, Fra81, Frö63b, Joh87b, Lew87, Per87]. **Nodes** [HT13, Ben98]. **nombres** [Mul85b]. **nome** [FNC75]. **Non** [Int03b, OLHA95, PS05, R. 43, Raf70, AB88, Lev73, LC96, LC97b]. **non-characteristic** [AB88]. **Non-IEEE** [Int03b]. **Non-Integral** [Raf70]. **Non-linear** [PS05, Lev73]. **Non-Restoring** [OLHA95, LC96, LC97b]. **Non-Sexagesimal** [R. 43]. **Noncentral** [Rob69, GST15b]. **nonconvex** [Ubh89]. **Nonlinear** [Cuy94, Hom94, MKY92, Wen89, Mus87]. **Nonnegative** [Amo86, Amo90, Amo95, Kod08, SG98]. **Nonrandom** [Bat07]. **Nonrestoring** [MK71, Wal80]. **Nonstandard** [Ric88, Bel89]. **Nonstiff** [Cas83]. **nonuniformly** [FK88]. **Norfolk** [SKL93]. **norm** [Akr85, Glo89, JMS98, Rei86]. **Normal** [Car75, Dre78, HJ67b, HD73, Hol70, Lin09, Mac65, Mar04, DAV12a, DAV12b, Mac68, MZM94, vR89, Ber68, Cyv64, HJ67a, HJ67b]. **Normalized** [SOL81, Bun09]. **normally** [Ehr89]. **Norms** [BJK⁺11, CJL09, GLT⁺15, Mag94]. **North** [BCEP94, IEE89b]. **Note** [BH99, D. 44, Gau99, Gla79, God01, Mil57, NSR10, OS72, Ver67, Fis73, FW85, HR72, LK73, Pro83, Tuk48, Wri84, Zha96]. **Notes** [Boe61, Boe62, Bur63, Bur64, Esc37, Fet67, Fra65a, GB68, Gla66, HKW60, Hea65, Hum64, JJ65, Jam99, Kal34, Lan60, Lon59, Lor89, Mec68, Moo67, SF59, Tak66, Tho65, Tho66, TM68, Ver67, WC61, Wil68, WKG66, Woo67, HUY07, LM07]. **Nothing** [Kah87]. **Notices** [Moo67]. **Novel** [Bas01]. **November** [AFI69, Ano91, AEF92, IEE89b, IEE91, Sin95]. **novembre** [AEF92]. **NP** [RT89]. **NP-complete** [RT89]. **ns** [MIT⁺95]. **NS32000** [Cam86]. **NSWC** [TGC89]. **Number** [DLM09, Fri67, Has66, Ngu98, OTY91, SH72, Tan89b, Bre74, BW00, GI01, GB90, Har14, Hon71, LP83, Per85a, KR86, Str59, VRS⁺95, VRS⁺99]. **number-machine** [GB90]. **Numbers** [Ano03, Ano06, BB88, CVV65, GS99, Has90, KB67, Maj72, CL11, DM91, Ele15, Fil92, Kul07, LKKH99, Mul85b, Nag68, SW88, Tre80]. **Numerical** [Abe88, BM15, Boi97, BO75, Bul65a, Bul65b, Bul69b, Car95, Cas83, CH70a, CJR91, CJR92a, CJR92b, Cow77, Dub83, DK90, Ehr61, Fra65a, Frö55, FI94,

GST07a, Gus66, HL13, Hul78, IP87, Jab94, JL12, KZ90, Lau95, LB90, LO94, Mat04, Pro87, Tem75a, Tem07, Ull90, Wie99, AGA⁺80, Boy14, Bre77, Bre78c, Bre78b, Cuy94, Ein79, Ell83, Gor82, GP84, HvdR63, Lau04, Mil75, Mül93, PBN93, RdL01, SGA81, SL83, Spi85, Tem76, Tem83a, VRS⁺95, VRS⁺99, Wil71]. **Numerically** [GST07b, Tal09]. **Numerics** [Nav83, AAS93, Squ91d, Squ91c]. **numérique** [Bre77, Bre78c]. **NumExp** [HL13]. **NumSBT** [Tal09].

Oak [Cow77]. **Ob** [DZKK77]. **Oberhettinger** [Coh12, Szm13, Wig67]. **Objectives** [Kuk71]. **Obtaining** [SK71]. **occasion** [AGA⁺80]. **Oct** [Ull90]. **October** [IEE89b, IEE89c, Lav80, Sin95, USE88]. **ODEs** [LO93]. **Odnomernyǐ** [PS93]. **Off** [Kuk71]. **Ohio** [Fet81a]. **Old** [FR98]. **On-Line** [Erc78, OE82, PBE03, DHM89]. **On-the-fly** [EL89b]. **One** [Gau65, Hit57, Lir71, PS93, SLZ05, BBB89, Spi85, Tes69, Car91, Jan77]. **One-dimensional** [PS93]. **One-Half** [Lir71]. **one-step** [Spi85]. **One-Variable** [SLZ05]. **Ontario** [Bro07, SIJ93]. **Operand** [EM04a, EM07, WS06, EM04b, ITY97]. **Operands** [SF16]. **Operating** [Rot70b, Sho86]. **Operation** [SF16, SF96, SF93a]. **Operational** [BC79, BDGP14]. **operations** [BWKM91, Gon89, Sch93a, Sch93b, TE06, VCV01]. **Operator** [von80, FS96, Sun88]. **Operatorkonzepts** [von80]. **operators** [AHM⁺98, CG89, GS82a, GK89b, Hei88, Mit92, Whi82]. **Optimal** [AM89, Ge89, MM91b, Mou67, Wil70, von80, Fik67, McC77, Meg89a, Roc82]. **optimaler** [von80]. **Optimization** [Dan77, Gly89, OLHA95, RdL01, Sin96, Pol88]. **Optimizations** [BJG⁺99]. **Optimized** [AK09, BM04]. **Optimizing** [LGML05]. **oracles** [Boy14]. **Order** [Amo86, Amo90, Amo95, Ano46, Ant64, BH65, Car75, CMF77, Cur64, FR76, Hit57, Kod08, Kod11, Lau73, LB90, Lir71, Mec68, Olv64, Olv67, Rap94, RL80, SW99a, Soo73a, Soo73b, Abr45, AG08, AM78b, AM79, AM84a, AM84b, Bar81, BST13, Cam79, Cam81, Cam84b, Cam84a, Coc65, Col80, Col84, CS82, DAV12a, DAV12b, Fuk15d, Fuk15b, GST04a, Gla74, GM88, Hai60, HR07, KK96, KKY07a, KKY07b, KRVZ98, Kra85a, Kra85b, Lev91a, LS95, MG89, NR15, O'B80, RdC93, RX07, KR86, Sca71, Sch93a, Sch93b, SS65, TB86, TB87, Tho04, XC15, de 77, dT93]. **order-differential** [KR86]. **Orders** [Alh00b, GST02d, NDT69, ND70, Alh00a, CT67a, CT67b, GST04b, SG98, SG99, Wal84]. **Ordinary** [AO08, Bra73, Cas83, Tem79, Sca71, Tem76]. **Oregon** [BCDH09]. **organization** [Sal76b]. **Oriented** [MKY92, PP12, AGA⁺80, OY91]. **Original** [Chl11]. **Orlicz** [Mus87]. **Orthogonal** [BGVHN99, Hoc64, Hom98a, KV03, SC01, Sue99, VB04, CKL89, DM08, El 06, Hom94, Pas08, zCFF05]. **OS/360** [Kuk66]. **Oscillating** [UE05]. **oscillatory** [BO75, Vep08]. **Other** [LC61, MR71, Olv91, Air37, Boy14, Squ91c, SR53]. **outer** [Fuk83]. **outline** [CHGM99]. **Overconvergence** [Ehr89]. **Overflow** [KNS95]. **overhead** [MI97]. **Overlapped** [PZ95]. **Oxford** [Boi97].

P [Coh12, Fet81b, Kun81, Szm13, Tal68, Wig67, Frö63a, T.57]. **P.** [Köl97].
P.C. [WNO94]. **P.D.E.** [Fri72, SM70]. **Pacific** [Sin95]. **Package**
[Amo86, Amo90, Amo95, Cod75, Cod91, Cod93, Dri89, Kod08, Mat87, Sal92,
Smi91, Tan90b, BC09, Dri91a, Dri91b, Dri91c, GST15b, KRVZ98, Mac96,
Squ91a, Squ91b, Tan91a, VRS⁺95, VRS⁺99, Zen04]. **Packages**
[DPC95, BK16, Kra95, Squ91c]. **Padé** [AGJ86, Bor88, DF78]. **pair** [HFS99].
Paleo [BB12]. **Paleo-Mathematics** [BB12]. **paper** [Tra60]. **papers**
[Spr00, Boe61, Boe62, Bur63, Bur64, Fet67, Fra65a, GB68, Gla66, HKW60,
Hea65, Hum64, JJ65, Lan60, Lon59, Mec68, SF59, Tak66, Tho65, Tho66,
TM68, Ver67, WC61, Wil68, WKG66, Woo67]. **Parabolic** [Mil64, SG98,
WR71, GST06a, GST06b, GST11b, LR74, MMV81, RL76, SGA81, GST11a].
Parallel [Bak75b, CA00, Gar75, LC97b, LO93, RHMLL08, SS93b, SKL93,
Tan87, BBC⁺91, Joh88, Mat90b, Sg92, Tak00]. **Parallel-array** [LC97b].
parameter [AG08, DD76, EC13, Fuk09b, Fuk15c, PS78, Roc82, YM03].
Parameters [DJ67, Won73, BS00, Bus74, GS88, KWY07a, KWY07b]. **Park**
[IEE89b]. **Part** [Fet81a, SZ70, Kru99, Ben83, Cas83, SZ74, SZ76]. **Partial**
[Büh03, AO08, Bus74, HBF09, MKS83, War75]. **Particular** [Völ83].
partition [FNC75]. **partitions** [AGJ86]. **parts** [Tim87]. **Pascal**
[von80, MKS83]. **past** [Bre85]. **Pathways** [Meg89a]. **Patras** [SC01]. **pattern**
[Sid06]. **Patterson** [Fet81a]. **peaks** [Phi79]. **[Tur69]. 360** [Fik66, Kuk66].
370 [ACG⁺86]. **6000** [Mar90]. **cosine** [Bak76, JL94, PKS00]. **Division**
[LD89]. **Integer** [D⁺89, KWY07a]. **overflow** [LM07]. **Performance**
[SL95, CL00]. **SIAM** [IP87]. **Square** [LD89, SL95, LM99]. **square-root**
[ALB98]. **Pendulum** [PS05]. **Pennsylvania** [Tra76]. **percentage** [Fet79].
perfect [Dun90, dDM06]. **Performance**
[ASA06, BTDS11, Cod90, Gal85, CP99, Gal86, MMW91, MM92, WMDM92].
Performance-Driven [ASA06]. **Perimeter** [Adl12]. **Periodic**
[DR89, JW88, KS88, Lem88]. **Personal** [Egb77]. **perspective** [BIS01].
Perturbation [Hom96b, Boy14]. **perturbed** [JS89]. **Phase**
[CH70b, FKY86, CS83]. **Phase-integral** [FKY86]. **phenomena** [Sti88]. **Phi**
[Hin77]. **Phys** [Tho04, VRS⁺99]. **Physical** [Flo15, Mat93]. **Physicists**
[AW05, AWH13c, Fet81b]. **physics**
[Ars68, Coh12, GI01, HBF09, Her82, Hoc61, MO49, MOS66, NU88, Sne56,
Sne61, Sne63, Sne80, Tem96, Veb12, Szm13, Wig67]. **Physik** [Sne63].
Piecewise [KP75, SDP11, Fuk15b]. **Piecewise-Polynomial** [SDP11].
pipeline [OJ04]. **pipelined** [CCCP99]. **Pipelining** [TE06]. **Pittsburgh**
[Tra76]. **PLA** [EL89c, EL90]. **Places** [Knu62]. **Plane**
[BDG⁺72, EW76, BDG⁺84, CM83]. **Plesset** [Hom96b, Hom96b]. **Plethysm**
[Car90]. **Poincaré** [Hau88, Lev91a, Pas92]. **Point** [AAHTH10, BM04, Bli97,
Bra87, CH98, DGS65, D⁺89, DHL⁺04, GB91, Has90, Hul78, JKMR11,
JMMW79, Kah80, LD89, MMNP91, Meg89b, Mey01, Rus98, Sch88b, Smi91,
Tan89a, Tan90d, Tan92, WS05b, dDL11, Ano67, BBC⁺91, BS06, BWKM91,
BCK⁺93, BMR04, CHGM99, Cro92, GLM15, GM88, HHR00, Hou81, KMY89,
Krä88, Kra98, Kul07, LKH93, LC97a, LMOT01, MT72, MG89, MPG92a,

MPG92b, Mat90b, OY91, Obe99, OJ04, PKS00, Rus99, SF93b, Sko04, Smi01, SL97, Ste89, Ste08, TE06, TRHH94, Vav89, VCV01, WN03, dDM06, dDIS13]. **Point/Integer** [D⁺89]. **Points** [Bra87, FCC73b, Bos89, DK82, Fet79, PA86]. **pointwise** [Som82]. **pointwise-Lipschitz-continuous** [Som82]. **Poisson** [Gil16]. **Polarization** [FR76]. **Polya** [EH89]. **polycrystals** [AM89]. **Polygamma** [Din58, Lew75, CE15, Di 86, TS69]. **polylogarithm** [Vep08]. **Polylogarithms** [Bar74, BD14]. **Polynomial** [ADN03, AH10, Cle54, Cod65b, Fra65b, Hit57, JKMR11, NDT69, SR53, SDP11, Bos89, Boy14, DM88c, Fuk15c, Kon76, Rei86, Zen04]. **Polynomials** [Bar61, Bra73, Dan82, DM88b, HG64, Hoc64, Hum64, SC01, Sko75, SOL81, Tho65, Wit68, Bor10, DM08, DK77, DZKK77, El 06, EMR82b, FS92, GST17, KV03, Kra85b, NR15, Pow88, Rac82, Ric92, SL83, SZW11, Sue99, Tes69, Tim87, ZZ11, zCFF05]. **polytype** [Vai89]. **pomoshch'yu** [Saa91]. **porous** [YH89]. **Portability** [Cow77]. **Portable** [Amo83, Amo86, Amo90, Amo95, Cod91, Cod93, Ful77, KDDH92, KDDH94, Kor11, Rum01, Tan88, Tan90b, ZOHR01, AHM⁺98, Tan91a, VRS⁺95, VRS⁺99]. **Portland** [BCDH09]. **Positive** [Pie84c, TM68, Bar84b, CG89, GST04a, GST04b, HR88]. **positivity** [Ric92]. **possible** [LM07]. **Post** [dDEG05]. **Post-ultimate** [dDEG05]. **posteriori** [Kai89]. **Potential** [MS68, Sti88, Vai89, Wil96]. **Potentials** [FR76]. **pow** [LL09]. **Power** [NKY08, Rei69, SF16, BBD03, BF92, Gus78b, Gus84, Kat78, KP98, MI97, NL99, Wen10]. **Power3TM** [AGS99]. **powerful** [SW88]. **Powering** [PEB04]. **powers** [Boy09, GLM15]. **Practical** [Ike76, Sid03]. **practice** [BR91]. **practitioners** [Tho97b, Tho97a]. **Precise** [Abe88, Fuk11, Fuk13a, Fuk15d, Fuk15b, Fuk15a, Fuk15c, HJ96, IM99b, LA85, Wil12]. **Precision** [Ahr96, BY07, Bre76a, BJK⁺11, CHG⁺11, CM13b, Cod64, DPC95, HA85, HA86, Joh14, KM97, Kin65, Kor11, Lan64, LL09, LM03, Lew75, LE95, PB02, SH72, Sch88b, Smi91, Smi11, SG72, Swa65, TS69, Ano14, Bre75, Bre76b, BM80, DAV12a, DAV12b, DSK83, EM03, Fer86, FW80, Fra81, Gab79, Gau11, Hon71, Joh15, KM93, KO94, KA71, LC97a, Mar00, Mar03, QW06, Sca71, Smi89, Smi01, Spe72, Tak00, TE06, VCV01, WG94a, WG95, XLX⁺83, XL94]. **precision-** [VCV01]. **Predictive** [Bak73]. **prefixed** [HR07]. **Prescaling** [EM04a, EM07, LM95, EM04b, LM92, LM99]. **Presentations** [Bor02]. **priblizhenii** [DZKK77]. **priblizheniĭ** [Saa91]. **primal** [KMY89]. **primal-dual** [KMY89]. **Prime** [JF16, Per85a]. **primitive** [Dri91b]. **Primitives** [Laz85, EM03]. **Princeton** [HDG⁺15]. **Principal** [Har97a]. **Principled** [OLHA95]. **priori** [Krä87, Kra98]. **priors** [GK89a]. **Probabilities** [Whi63]. **Probability** [Car75, SZ70, ZS64, Fei78, Mar88, McN73]. **problem** [EC79, Gre82, JS89, JMS98, Mag94, Sko04, SW88, Via89]. **Problems** [Bre82a, Cas83, Ovt03, Ric68, Rob55, AO08, CMV69, Cro92, OSS09, Pol88, RdL01, RT89, Spi85, Was89, Wen01]. **Procedure** [Gau79b, Di 86, MH72, HJ67b, Mac65, Mac68]. **procedures** [Cod82]. **Proceedings**

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 [SO89, Rus88]. **universal** [HSW89, Rix82]. **Universeller** [Rix82].
University [AGA⁺80, Ask75, Bro07, HUY07, Hwa85, IEE89a, IEE81a,
 IEE81b, IP87, Tra76]. **unlimited** [HTHR94]. **Unrestricted**
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Upper [SS98, BW89, Cha82, Fet79]. **Urbana** [Hwa85]. **USA**
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 [???90, Ful81b, Ful81a]. **Using**
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 Kog59, Len76, MIT⁺95, MKY92, OTY91, POMB05, PZ95, Pri75, RGK72,
 RS81, Sal76a, Sal92, Sar59, SG02a, ST07, SF93b, SLZ05, SDP11, Tra60,
 VVA09, WS05a, WS05b, WEX14, WG94b, WOG95, dDLM11, von84,
 AAHTH10, Bai88, Ben98, BMZ06, BZ92, Che81, CKL89, CA00, CP99,
 Dem89, Ekl01, EM86, FLO04, GST02a, Gra02, Gus85, HBS00, Hon71, HFS99,
 KK98, LKKH99, Liu95, MMM93, McC77, SH72, Saw02, Spe72, WG92]. **UX**
 [LMOT01].

v [LP83, Sch73, Sle78]. **V.** [Kon76, Rac82]. **VA** [SKL93]. **Vacuum** [FR76].
Vacuum-Polarization [FR76]. **Vail** [BC01]. **valid** [RX07]. **Validated**
 [BBC⁺14, CCV11, CBBV10]. **Validating** [Ull90]. **Validation**
 [AAS93, CK89, Squ91c]. **Value**
 [Cas83, Fri67, AO08, Cro92, JS89, Mat90a, Spi85]. **Valued** [Mat04, PS11].
Values [BY07, Cle69, DJ67, Fri72, GB68, GRAST16, HP62, HKW60,
 MM91b, SF16, BS11, EC13, Fet81a, FW80, Fra81, Fuk09b, GST15a,
 KWY07a, KWY07b, Kat78, Mou67, Pré10, RX07]. **Vancouver** [Gau94].
Variable [CET62, Fra65b, HA85, HA86, LE95, Ric68, Sal51a, Ske86a,
 Ske86b, SLZ05, Won73, XL94, Gon52a, Gon52b, Jür66, MY91, Ric88].
Variable-Precision [LE95]. **Variable-Stepsize** [Ske86a, Ske86b]. **Variables**
 [Boe62, BK16, KS88, MH72, Sho86, Sue99]. **variates** [Mar77]. **variation**
 [GK89b, Zie89]. **various** [Ism77]. **Varna** [RDK98]. **varying** [Was89]. **Vector**
 [ACG⁺86, NKY08, ACG⁺87, BCK⁺93, JS89, KK98, Liu95, Mat92, TRHH94,
 Gun65a]. **vector-arithmetic** [TRHH94]. **Vectors** [GLT⁺15]. **Vegas** [AFI69].
venue [IEE89a]. **Verfahren** [Hol69, Sch68, Die83]. **Verification**
 [GBKK09, LO95, Rus13, SG02a, AK93, Saw02]. **Verified** [BDL09, DLM09].
Verifying [AAHTH10]. **versions** [LW89]. **versus** [Ful99]. **Very**
 [BHK09, LM95, LM99, Mit92, Sch80, ALB98]. **Very-High** [LM95]. **VFP11**
 [BH07]. **via**
 [Bor10, CT88, GRS87, Gly89, Har09a, Hig93, JKMR11, Kuz15, Sal89]. **View**
 [DGS65, Mey01, Ano67]. **Virtex** [WN03]. **viscous** [Joh83]. **Vistas** [CKT07].

VLSI

[BV85, IEE89c, LC96, LD89, MMW91, MM91a, MM92, MMH93, Ste89].

Voigt [Rei69, ZA11]. **Vol** [Laz85, MS94]. **Vols** [BC62]. **voltage** [HFS99]. **volume** [IK05]. **Vychislenie** [LČJ63, LP83, Saa91].

W [Coh12, Szm13]. **W.** [Ker83]. **Waterloo** [Bro07]. **Wave**

[Abr64a, Boe69, CP70, Frö55, Gau66b, Gun67, Ike75, Ike76, Low64, She76, Sle64, Sle65, Sle78, SG72, Vos73, BFSG74, BFSG84, Gau69b, Hum85, Köl69a, Köl69b, Köl69c, Kre89, LP61, LP62, MC04, OWS⁺14, RX07, SP61, SS65].

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Wide [BHK09, MMNP91, MV98]. **wide-range** [MV98]. **Wiener** [Deh89].

Wigner [JF16, Tal68]. **Wilhelm** [Wig67]. **Windschitl** [LSM16]. **Windsor** [SIJ93]. **Wisconsin** [Ask75]. **Wisconsin-Madison** [Ask75]. **Without**

[Kah99, Sar59, Tra60, EL89c, EL90]. **Work** [WNO94, Fer07, GG08, Tem83b].

Working [Boi97]. **Workshop** [Bor02, Cow77, CDS00, DIW00, RDK98].

workshops [Koo91]. **Worst** [LM03, LSZ08, PS05, SLZ05, Kra98]. **Wrigge** [Fra81]. **Wright** [Fet81a]. **Writing** [DM91].

X [LDP93, HJ67b, LL09]. **X8** [Rot70b, Rot70b].

Y-MP [KB90]. **YBC** [FR98]. **yield** [Mei83]. **York** [Fet81b, Köl97].

Z [Gun65a]. **Z80** [Kun81, Kun81]. **za** [LP83]. **ZEBEC** [KRVZ98]. **Zero** [BS98, ES99, Hit57, Pie84c, BF92, Bre75, Bre76b, Cha82, Gla74, MI97, MC93, MC95, SS65, Tes69]. **Zero-Balanced** [BS98]. **zero-finding** [Bre75, Bre76b]. **zero-overhead** [MI97]. **Zeros** [Abr45, Ano46, Bea58, BK78, Ben83, CH70a, CS82, Dor66, FO99, GKS04, Ike75, Ike76, Kol70, Kol72b, O'S16, Tem79, Wan74, Wil68, Ben98, BPD81, Coc65, CK79, EL08, FLO04, FS92, FCC73a, FO93, GG08, GS88, GL83, HB75, KRVZ98, LG79, LM08, Par72, Pie84b, SG99, Seg08, SL83, SZW11, ZZ11]. **zeroth** [Wal84]. **Zeta** [BM15, BBC98, BBC00, HP62, Kol70, Lin78, Lin79b, Mar65, SJ12, BB15, BS06, CHT71, Joh15, Pré10, Sko05, SJ01, Vep08, HG64]. **zur** [Die83, Hol69, Hom96b]. **Zurich** [Lak96, T⁺97].

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